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REMOTE STORAGE

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, MAY 31, 1900. No. 131.



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Verbenas and Pansies by the thousand.

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June Weddings.

Wedding bells in June have a welcome sound to the florist, for there are always more or less flowers used at even the poorest of them, besides material is plentiful and cheap and there are many florists who prefer it so. We know plenty of men in the retail trade who have consciences and they often hesitate to charge prices which growers compel them to do, even putting aside the value of work and experience, but we'll leave that point for another day. In this paper we will discuss decorations with you.

This is the month of roses, remember, and they are lovely and appropriate anywhere. Cut roses from the greenhouses will soon be very poor and scarce for a while, but there will be or should be an abundance of outdoor stock, and it is the best to use. Even if the job be a small one it will pay you to attend to it properly and do your best, for there's no telling who'll see your work. The leading style in June decorations will be as natural as possible—that is to say, there will be very little formal or stiff arrangements. Pillars, arches and curtains of climbing roses will be pretty features. Don't go to any trouble in having clumsy, set frames made for them; the simpler the forms the better; what you need most is to secure plenty of suitable material and that is plentiful in the nurseries.

There are many ways to make an arch of roses. If you cannot get the frame illustrated in this section a few weeks back, get a pair of Lombardy poplars or any other cheap tree, strip them to the stem, pot them and tie them in arch form. Get a lot of climbing roses, Baltimore Belle, Crimson Rambler, or any color desired, only one kind on each arch, though. Start in the center, tie the sprays loosely and naturally, cover the cut ends and make your work appear as if it were two pots of roses joined together at the top. This can be made in house or church. If you cannot get climbing roses in bloom, get the wood and tie the roses on in the glasses we have often mentioned.

Be careful of this point: If you arrange anything imitating nature, where people are close to your work, foliage and flower should face upward; where you work on balconies, frescoes, staircases or other positions where people look up to your design, then flower and foliage should face downward, with just a straggling bunch or two going the other way. Don't be too precise; nature uses no cords, the sun and light dictate her forms, and it's rarely you can improve on her models. Very fine work on mantel, mirror or arbor can be done in the same way, only it is best to have a few irregular steel wires fixed together as a frame for support. We don't mean a studied network of wires, merely a few you can attach your vines to and twist in any shape.

In some elaborate decorations they will have a colonnade of columns made of plaster of Paris and modeled after those of the Roman Empire. For this purpose they are usually about eight to ten feet high. The ancient method of decorating such columns was to entwine them at regular distances with set garlands. What we consider the prettiest way is to create an irregular vine-like embracing design, covering very little of the pillar, each one being different. There are plenty of Ramblers and hybrid perpetuals at present growing in pots. Charming effects can be obtained by using them in clusters. Get Mexican green jardinieres or any neutral colored pot. Shake most of the soil off the rose bushes, put as many as you can in each jardiniere, pack with wet moss, let the branches hang loosely and over, make it look like a huge pot of roses, and if there are many blooms on it will look better than all the vases and baskets you can fix—it will look well in any place.

It's quite an easy matter to fix up long garlands of roses where you can get long branches to cut at, and don't begrudge paying for them, for they are much cheaper than bothering with short stemmed stock and its attendant troubles. Loose bunches of roses intended for ends of pews or to be tied to particular points, should be arranged loosely and with a drop spray finish; that is, have a bloom or two hanging downward. Whilst roses may be the principal flower used in most of the decorations, there are others which will look equally beautiful without them. Many brides have ideas and floral pets of their own, and it's very foolish to attempt to dictate to them, for most American girls become very imperious on this occasion. It is always good to inquire if she has any favorite flower; if so, give it prominence; she will appreciate it, and the act need not interfere with the general plan of your work.

A pretty design can be wrought from almost any kind of material. The idea is the scarcest article. There are many kinds of flowering shrubs which can be used to great advantage, and whilst they may not be so classic as the rose, yet where space and cheapness must be considered they are all right, for whole rooms can be covered at comparatively small cost. Almost every June wedding calls for an abundance of flowers, at least the parties expect it—that is, they look to get plenty for their money, be it small or large, and though it is wise to have your finer points worked out in good material, the background can be made imposing at a small outlay.

It is hard to understand how anyone can be established in the retail business for the space of a couple of years without acquiring a knowledge of plants and flowers, their seasons and uses, but such there are. We can walk into any store on Broadway today and the simplest question will puzzle the most "high-falutin" man in the store; that's because smart ignorance creates exorbitant bluffs; both are entirely despicable and unnecessary to first class trade. But again to decorations.

There will soon be a fine assortment of outdoor flowers available, of which paeonies will be the leader. With them and others the grandest kind of work is possible, but if you want it to be impressive, don't scatter your material—that is to say, put most of your flowers in clusters and arrange them where they will show up best without making it too palpable that you have done so intentionally; that's one of the great secrets of the art. Some girls love buttercups and daisies; you could not pay them a greater compliment than making their wedding arbor entirely of them, and let us state right here that just as fine work can be done with common filed daisies as with the choicest orchids. The price quality may not be there, but the art value can be. You must remember, though, that daisies do not grow downward over a balcony. On a background of solid green you can make them appear quite at home, which is the proper element to aim at in all floral arrangements.

It is all wrong to make the bridal arch or arbor entirely of cold white. It's a deathly color; try to induce your customer to allow you to introduce a little cheerful color somewhere to relieve the eye and cheer the thought.

Most of the damp, narrow superstitions and heavily laden ideas of the people of to-day are traceable to the limited stock of flowers of other days, or the ignorance of the florist of to-day. White in flowers is supposed to signify purity (that's all very well in linen), but what do all the other flowers stand for? If we would take them for what they are supposed to represent, they would have to be excluded from all decorations, and it would soon be God help the business. It's pure nonsense, weak imagery, to insist on a majority of white at all weddings, unless we wish to put them on a par with funerals.

This June there will be many contrivances some will say are new. Most of them are only so when exceedingly well done. Take, for instance, the flower gate half way down the aisle of the church. That's a very pretty idea. It falls flat, though, unless the intent is carried out. You must not merely have a floral gate, but make it appear as if it were the entry to a flower garden. This can easily be done by tying loose bunches of flowers on the ends of the pews, etc., inside the gate. There are doubtless many who have never seen the floral gate used at weddings. To them we will describe it. There is usually a section of the church reserved for the family and special guests; that reservation occupies from 15 to 25 pews from the altar; here a very light swinging gate is put across the aisle; it is completely covered with flowers; a small girl usually precedes the bridal party and holds the gate open for them. The approach to this gate is generally made beautiful by tying loose bunches of flowers on the pews. You can leave your ribbons at home—the church is no place for them; religion conflicts with all that's vain, and it's scarcely fair to take advantage because it's a marriage ceremony.

We can all agree that there are very few things more beautiful and more impressive than a fine palm. It would be wrong to suggest anything that would in any way decrease their use, but every florist cannot afford to use them in quantity, and if they could the price would not justify them. To-day there are many prominent florists who pack a house full of fine palms on the least excuse. They spoil the trade, ruin their plants, and let us add it is done generally by those who have not paid for the plants. Of course just at present it might do your plants good and also advertise your shop to take them out once in a while for an airing, but customers can easily be spoiled. Where massive work is required the woods just now abound with fine green stuff. Maple and oak foliage makes a very effective background to finer greens or flowers. Leave sickly smelling foliage and flowers out of your decorations, for they become insufferable in a hot room.

The styles in bouquets will be rich, small, and loose, more inclined to the spray bunch shape, and they should be composed of the finest blooms obtainable. Very little ribbon will be used and scarcely any "shower" bouquets. Keep in touch with what is in bloom in the herbaceous and rose gardens, but don't neglect the gems under glass. IVERA.

ESTIMATES.

"We are continually asked to give estimates on the cost of decorations, and our constant effort is to avoid giving them," was the remark of a well known retailer.

"Sometimes we cannot avoid the issue, and when this is so we always deliver the estimate in person, as every one requires an explanation. There is always some one who will cut under you after he has been shown your figures, and many good flower buyers have fallen into the pernicious habit of getting estimates from several florists and giving the job to the one naming the lowest figure. It is a mistake to be a party to one of these competitions.

"The only remedy, when forced to give an estimate, is to personally go over the ground with the party and explain as clearly as possible what it is intended to do and how it is to be done, and the great difference in decorations that might be truthfully described in identical words. Explain that a group of palms may be few or many, that the individual plants may be fine and effective or poor and ineffective; that they may be arranged by competent hands so as to enhance the beauty of the room, and that the same material in other hands might better be entirely omitted, and so on through the list.

"Never make the mistake of reducing your figures in order to get the order, and then skimp the material in order to come out whole. The customer may not be dissatisfied, in view of the low price, but when asked who did the work your name is given without any explanation that the price was inadequate, and the effect upon your reputation is decidedly unfavorable. You would have done better not to have had the order. If for some special reason you take the order at a less price than you should have had, your best plan is to do the decoration right and pocket the loss.

"Your reputation is a large part of your stock in trade, and it should be protected at all hazards. Never consider a decoration complete until you are satisfied with it yourself. If you feel yourself that it is all right the customer will nearly always be satisfied. Be sure to give full value every time, but insist upon a fair price, and on the average you will come out ahead, and at the same time be building up a reputation that will have a decided value. If you can make your customers feel safe in your hands you will have a powerful lever against the competition of the price cutter.

"To be sure, there will be many annoyances in maintaining your position. The one who makes the low figure may get a job away from you. But bide your time. If the customer is worth having he or she will come back after one experience of the sort and will be a more satisfactory customer ever after.

"Of course you will have to give your customer an idea as to the cost of a suitable decoration, but avoid giving a detailed estimate if possible. If, when you deliver your estimate, the cost exceeds the expectations, be prepared then and there to cut out certain details, if this can be done and still leave you a chance to do a creditable job. But get your order then. Nail it on the spot. If you go away without closing the matter the other fellow will get the order nine times out of ten. The man on the ground has decidedly the best of it."

CREDITS.

"The retail florists of every city should have an organization through which they might be kept advised of the experience of all with their customers as regards running accounts," is the thought expressed by a retailer in one of our large cities.

"In every city there is a certain class who make it a regular plan to have the retailers carry their accounts for absurdly long periods. One of these individuals will run up an account with me to the limit that I will stand, and then transfer his or her valuable trade to my competitor, Mr. Jones. When Jones reaches his limit, Robinson gets the business. Probably a year and a half has elapsed when they pay me up and start the rounds again. If the florists would act together this little game could be nipped in the bud."

A STORE TO YOURSELF.

"Don't try to cut down expenses by renting half of your store to someone in another business," is the advice, very strongly emphasized, of a successful retail florist. "You lose much more than you gain," he continues.

"Have all the window room you can possibly secure and spare no effort to make your display attractive. And you don't need a great mass of material for it. Put art, rather than quantity of material, into it. It is your opportunity to show your skill as well as your stock. It is your best advertisement and your greatest chance to show that you have ability as a decorator."

PANICUM VARIEGATUM.

This ornamental grass is being used in fern dishes and jardinieres by the Geo. Wittbold Co., Chicago, and it is a very effective addition. It is very



Pansy Table and Vase.

Old-Time Floral Designs.

readily propagated and is inexpensive to use, while adding a very desirable touch of color to the green foliage of the ferns.

OLD-TIME DESIGNS.

Some good work was done in the old days in spite of the fact that good material was much less plentiful than now.

The pansy table shown in the accompanying engraving was a work of art. It was designed by A. Le Moult, and won the Langtry cup at the first flower show given in the Eden Musee.

The table was six feet square, all made of wire. It was mossed solid with green sheet moss, and completely made up of pansies. You will notice the folds at the corner to represent the cloth; yes, even embroidery was carried out on the margins, and the colors were arranged to represent figure work. It required fifteen thousand pansies on separate wires to do this work. The center was a vase, also made of pansies, and filled with hybrid perpetual roses. IVERA.

PALMS.

The Geo. Wittbold Co., Chicago, sow their palm seeds in 2 or 3-year-old tan bark and find it much more satisfactory than soil or other material. It is so porous that drainage is excellent, the seeds start better and the seedlings are more easily lifted from the bed when started. The seeds are scattered very thickly on a bed of tan bark and a thin layer of the tan bark put over them. As the seedlings start they are lifted out and potted. A bed from which three batches of seedlings had been lifted was still thick with seeds germinating or still thinking about it.

They have several houses of latanias planted out. The 4-inch size planted out in soil on the bench will make plants suitable to put into 5 to 8-inch in the fall. Growth is much more rapid than when the plants are kept in pots.

PAEONIES.

Talking with Flint Kennicott, Chicago, brought out the fact that many paeony growers have yet much to learn about growing, cutting and shipping paeony flowers to the market.

It appears that the finest long stem flowers that come to market have been disbudded and watched as carefully as fine carnations. While varieties vary somewhat in respect to time for cutting, the proper time for most of them is when the bud has not only shown color, but when one petal has begun to loosen.

The paeony is a very gross feeder and the plants must be heavily fertilized to insure vigorous growth and fine flowers.

He says that outdoor valley must also be heavily manured to insure first class flowers, and even such strong stuff as chicken and pigeon manure is used, it being of course first mixed with soil or other material.

AQUATIC GARDENING.

By Walter Retzer.

[Extracts from paper read before the Chicago Florists' Club, May 18.]

[Continued from last week.]

Heating.

From the deepest part of the second pond, midway between the place where the pipes of the first pond enter it and the shallow arm or branch, but about two inches below the surface, is where we have to locate the pipes that supply the water to the main pond. The reason for placing the last pipes where I have outlined are that if they are placed either near the opening where the pipes of the large pond enter or near the arm, the warmest part of the water would enter the main pond. This would take away the heated water nearly as fast as it runs in. The water cooling off during the night would bring about too great extremes of temperature—a thing that must be avoided. By placing the pipes several inches below the surface, we shall receive, not the warmest water, but some that will remain at a certain temperature longer than the other.

The heating of a pond by artificial means is but recent, and I may safely say since the queen of water lilies—the Victoria Regia—has come to our notice, have the ways and means been found to heat a pond to grow this native of the Amazon. As this is about the only plant that is worth the trouble and the expense of heating a pond, I shall make but a few notes of the best way this can be accomplished.

Where either steam or hot water is used for greenhouses or a residence, sufficient quantity of pipes must be laid to heat six hundred feet of surface, as this is the amount of space a full grown victoria requires. Of course, where it is wished to grow more of these queenly flowers more piping will be necessary and the amount will vary with the locality. Four flows, using two-inch hot water pipes, which will act as returns, are sufficient for this latitude. It is essential to have some sort of enclosure in which the victoria is grown to keep the water from intermingling with the rest during the early part of the season.

In course of time, the heating of ponds will be totally abandoned, as

seedlings of the victoria will in the future be as hardy an annual as any other aquatic. Certainly more care must be taken in planting out, not venturing to do this before the nights are quite warm. Further details as to culture will be mentioned later.

Planting.

Probably this is the simplest as well as the least troublesome part of aquatic gardening. Plants which are to be potted into tubs need thorough drainage, and must have the soil well packed, though not tightly, to prevent it from washing out. The size of the tubs varies according to the requirements of the plants. Spread the roots carefully and cover them with from three to four inches of soil. The process frequently practiced and even recommended by some of placing the tubs into the pond first is ridiculous. The ease with which tubs of considerable size can be moved in water should never induce any one to go to the trouble of first having the tubs, then the soil and lastly the plants carted to the pond. Pot the plants where all the potting of the season is carried on, where pots, tubs, soil and other required material is at hand. After several tubs have been planted, cart them to the pond where they can be immersed anywhere for the time being. If the ponds are covered with a layer of gravel or sand, the discoloration of the water caused by entering will be slight. It is quite necessary to place the plants into water immediately, or as soon after as convenient or possible, for if exposed to the action of the sun's rays for some time the result may be injurious and in some cases prove fatal. If the plants are to be taken some distance give them a good watering before taking them away.

Where the planting is carried on in the open ground a plank may be laid across if the pond be small, thus saving the trouble of wading about in rubber boots. The plants must be well set and the roots well covered and even weighted down if necessary with something to keep the plants from rising to the surface. If the foliage is completely immersed it matters little, as the leaves will soon put in their appearance at the surface.

The time of planting varies with the locality, the tender ones not being planted out before the weather has become settled unless the pond is heated, when the operation may be begun as soon as the frost leaves the ground or spring planting in general commences. All plants may be started in suitable frames or greenhouses, thus bringing forth the flowers a few weeks earlier.

Border Decoration.

More stress upon this branch of aquatic gardening should be laid than is generally done, for much of the beauty of a pond would be marred by a badly kept or poorly decorated border. It would be like a beautiful bed of carefully selected plants with weeds several inches high for a border instead of a neat plant or a well kept lawn. It not only adds to the completion of the pond but a certain beauty may be added to it. Just as the colors of acalyphas when used as a borderplant or intermingled with crotons will tend to heighten the colors of the latter, so does a good border tend to heighten the beauty of the pond.

One of the greatest mistakes too often made is the planting or rather placing of some artificial appearing piece of rockery upon which bamboos and the like are planted. Who ever heard of bamboos, cyperus or some other rushes growing upon rocks? Nothing would be more pleasing than a piece of natural rockwork over which the little forget-me-nots or the lysimachia is creeping, flushed here and there by the water as it enters from the supply-pipe. A bridge, even of rustic design, gives the place an artificial appearance. Have a bridge where one is requisite and have that a durable one. If nicely made, it may add to the beauty of the curroundings instead of the contrary. Fountains are out of place unless the pond and the surroundings are artificial and symmetrical. Simplicity, harmony and beauty are the three great things we must strive for, and when these are attained, we may rest assured that the sought for has been accomplished.

To lay down rules which govern the planting and selection of border plants is difficult, as no two ponds are alike or enhanced by the same environments. The rules laid down in landscape gardening also apply to this, and must be followed if success is to be attained. The planting of a border depends much upon the surroundings and unless the place is large the rules mentioned before will apply.

Never, if it can be avoided, have a gravel walk leading around the pond. The effects of beautiful foliaged border plants are completely broken down by the yellow gravel. A lawn in perfect condition up to the very edge of a large pond will give the most pleasing effect when broken up here and there by the border plants. A gravel walk leading in front of the pond is of no disadvantage, and no harm is done in having one. Let it approach not in a direct way, that is, having a right or oblique angle with perfectly straight lines, but let the site of that walk be carefully selected, as the effect produced upon one approaching the pond must be most favorable.

If the pond is large and the surroundings in proportion and more than one point, so to say, reaches the climax, have the curves of the walks just touch upon these points. To the one passing the whole would seem as a panorama—one beautiful view is lost and another appears. This is the effect most sought for in landscape architecture, and is what we must strive to reproduce, even in the planting of a pond. If there is but one point upon which our eye can feast, it soon grows monotonous and tiresome. Each step we take must bring something new to our view and each view should be distinct in itself, but the whole gradually leading up to the point where the greatest beauty is attained. If the intermediate changes do not exist, the stepping from the poorer to the higher form of decoration would be too great and the height of the latter would be considerably reduced.

Insects and Enemies.

Of the numerous insects that are injurious to aquatics, none can be said to be troublesome if a sufficient quantity of fish are kept in the pond. Besides the beauty which the little gold fish add to the pond, they are invaluable. With them in the ponds we need fear no insects of any kind. Frogs, beneficial as they are in preventing the increase of insects, ought to be done away with as soon as possible. Besides feeding upon the gold fishes, they ruin the foliage. It is not uncommon to see a beautiful tender leaf of a victoria with a hole in it caused by these creatures as they leap upon it. Water and musk rats are about the most injurious. The damage done to a pond before their presence is detected is often very great, frequently causing the destruction of the entire pond. In a granitoid pond we need not fear them, as to dig through the hard material is impossible. As soon as they are detected, make war against them and do not give up until every one is killed. Trapping is the best way in which this can be done, unless one is a good shot with a rifle. Mice will frequently devour the tubers of the nymphaeas and nelumbiums if nothing else is at hand.

Turtles are the greatest enemies to aquatic gardening in the large natural ponds. They feed upon the shoots of all plants.

Besides having members of the animal world to combat with, we have to put up with a few enemies of the vegetable kingdom. Of these the green slimes and other algae are the most formidable, sometimes completely choking up all other inhabitants. It can be fished out with a rake or wire net. There is no way to prevent them, as the spores are in the soil. Strange as it may seem, but a fact it is, that a large quantity of fish of the German carp and the black bass will completely cause the disappearance of this pest.

There is a leaf roller that attacks the leaves of the nelumbiums, but it can be eradicated by the use of the hellebore put on in the morning while the foliage is damp with dew. If diseases of any kind appear, the timely use of the Bordeaux mixture will prevent any further trouble. If we were to grow aquatics with no enemies to

contend with much of the interest would be lost.

Seeds.

The saving of seeds becomes quite necessary, as plants such as the victoria and a few others must be treated as annuals and propagated by seeds. After fertilization has taken place and the flower is again under water, tie a piece of wire netting securely around the flower. This will prevent the scattering of seeds after maturity. Never use cloth, as it prevents the free circulation of the water, and frequently rots before the seeds are ripe. Seeds after maturity are to be kept in water at a low temperature, or moist sand, during the winter. The saving of seeds is only necessary with the Victoria Regia and its varieties, Euryale ferox and Nymphaea Zanzibariensis. Though all of these plants are perennials in their native countries, they must be treated as annuals and seed sown every year.

If the tuber of the Nymphaea Zanzibariensis could be ripened or matured, it would not be necessary to go to all the trouble, but being a truly tropical plant and in full vigor when the first frost comes, it is unable to mature. If the seeds of the nymphaea are allowed to fall upon the soil they will begin to germinate and produce plants the same year. These may be taken, potted, and immersed in the water until fall, when they should be taken up and cared for in a suitable place during the winter.

The seeds of the Euryale ferox if left upon the ground will germinate the following spring and the young plants may be put wherever wanted.

Sow seeds of the victoria in February or early March in water kept at a temperature of 85 to 95. As the plants become large, pot them on, until the time is at hand for planting out.

Propagation.

Nymphaeas may be reproduced in two ways, by seed, if they are produced, and by the division of the rhizome. Varieties are not true to seed and many unique hybrids are produced by the planting of them. Seeds of most all germinate rapidly and flower the same season. The division of the rhizome is the most practical way and the only one through which varieties may be kept true.

It is quite impossible to give here a list of hardy and tender aquatics and border plants, as some that prove perfectly at home here require protection further north and those that are treated as tender varieties in the north become troublesome weeds in the south. For those not acquainted with the plants it is best to refer to some reliable nurseryman or florist in their vicinity.

MISCELLANEOUS SEASONABLE HINTS.

Violets.

A crop that will need early attention to prepare for next season is your double and single violets. There are many ways of growing them, and if you are successful with any system don't abandon it for somebody else's advice. Some still plant them out and lift them in September. For this they should have a good deep and moist location, but not necessarily shady. Some keep them growing in 3 or 4-inch pots in frames till August or September and then plant them on the benches. And many large growers plant the young plants in solid beds about the middle of June and slightly shade the glass or remove a portion or all of the glass during July, August and September. The last could not be followed out unless the glass was butted; then it is no trouble.

With a house facing south we have for several seasons planted in late June, and after a few days removed the entire glass, replacing it the last week of September; too early, I think, and next fall we will leave it off till the middle of October. Another house, 20 feet wide, running north and south, we planted the same time and removed only every fourth row of glass on each side. With the glass shaded this was a very cool house during summer. The first house always gave us the best violets up to New Year's, and then the north and south house was the best for the balance of the season. This has happened several years and always the same result. Use a rather heavy loam for violets and I am sure the solid bed is better than one bench.

They do not want manure, unless it is thoroughly decayed, but violets like a liberal allowance of bone flour. You often see violet beds that are good and bad in spots. That is because poorly rooted plants were used. When planting, throw away the poorly rooted plants; let them be only thrifty growing plants, with a good bunch of roots, and you won't have unproductive spots.

The single violet Princess of Wales is now a great favorite with all, and in some cities it actually brought a better price than the Marie Louise. They are very stylish and you want to grow it; 8 or 9 inches is room enough between the plants for the double, but the single should have a foot.

Geraniums.

This is the time to put by a few dozen or hundred, according to your wants, of 4-inch zonal geraniums for fall and winter flowering. They are not wasted even if you do not have demand for their flowers, but they come very useful in dull November and when well flowered the plants are always in demand. Choose compact, healthy plants and pinch off all flowers and buds and if they need it pinch also the ends of the leading growths. You could by shifting and feeding produce some very large plants by next October, but those you do not want. A well flowered plant in a 6 or 7-inch pot is large enough. A shift in a week or two will do and in August shift again into a 6 or 7-inch. Always keep the buds pinched off till end of September.

Pot firmly always for a geranium and use a good stiff loam. They can be grown outside plunged in a frame and covered with glass in case of prolonged rains, or plunged on a bench in a good airy house is just as well, with little or no shade. The plunging is of the greatest importance, for the continual watering that is otherwise needed soon impoverishes the soil, and the continual drying out which must occur when not plunged is productive of yellow leaves and is bad all round. This remark about plunging applies not only to these pot geraniums but to any plant you carry over summer.

Bay Trees.

Speaking of plunging, when Mr. Halfred Dimmock called on us a few days ago he said we ought to plunge our Sweet Bays and get our customers to do the same. He undoubtedly is right, I think, for appearance as well as the welfare of the plant. The sun pouring down on the tubs, which are a mass of roots in a very small space, must be a trying ordeal to them during summer. You will notice that those you have a few seasons have not that bright green color of the newly imported. Some of our customers object to this and in some situations it is not practical, but wherever you can, get them down in the sod to the top of the tub. It has another advantage, they are then never blowing over as they do in exposed places, for in small tubs they resemble gentlemen who used to attend the early conventions of the S. A. F. and became top heavy.

Poinsettias.

I hope you will not forget to put

in cuttings of poinsettia as fast as you can get them with 2 or 3 joints. Don't cut them clear back to the old wood or you won't get any more cuttings; leave one eye, which will break and give you another cutting. They root easily now with shade and a thorough watering twice a day. They are often neglected when first potted off. Keep them shaded for a week or two and moist; after they once get hold of the soil no more shade must ever be given them. We used to plunge them outside years ago. Don't do it. A light bench with all the air you can give them is a much safer place for the summer months. I have written about these poinsettias for a good many years, and I fancy many good florists, if they honor me by reading these lines, say: "Oh, fudge, what's the good of growing them!" Now, last winter they were decidedly the leading plant and were sold with us singly and in pans and baskets and every form, and to be without them would to us cause a great blank. WM. SCOTT.

CHICAGO.

The Market.

All the wholesalers report a phenomenal business for Decoration Day, several saying it was the largest in their business experience. There was a scarcity of good roses but plenty of everything else and the demand was sufficient to keep prices right up to the quotations, except possibly on some odds and ends and very low grade stuff.

Of carnations there was sufficient and all moved at from $1.00 to $3.00 per 100, except in white, the latter appearing to move rather slowly with some dealers, though large numbers were sold.

There was a big lot of peonies on the market and they moved well at fair figures. Some very good lilac came in from points somewhat north of us, that for this locality being practically over for the season. There were some Harrisil on the market and they sold fairly well. There seems, however, to have been a wide variation in the selling price. We hear of sales at $4 and others as high as $12 per 100, while some say the range was from $6 to $8.

One gratifying feature was that the local demand showed marked improvement as well as that from outside. All good roses were sold out early and there was some hunting for shipping stock at the last.

It is estimated that no less than 20,000 dozen paeonies were marketed during the past week.

In general stock for Decoration Day there was rather a shortage of good stock, an abundance of fair grade and poor stuff by the hayrack load. But all seemed to move at same figure, though the fakirs did considerable of the moving.

Jasmines cleaned up well, Kennicott Bros. Co. sold large quantities and could have sold a lot of 10,000 more that were ordered but failed to arrive. They report that the Decoration Day trade broke all records for any holiday.

Common ferns went well, but smilax and asparagus were little called for. Daisies also were slow though they went well last year.

After the wreckage had been cleared away on Wednesday it was found that the price of roses was still holding up pretty close to last quotations. There was a slight break in carnations, but everything was moving at satisfactory prices, grade considered.

Various Items.

A regular meeting of the Florists' Club will be held at the usual place to-morrow (Friday) evening. June coming in on a Friday makes the first June meeting come very early in the month.

Kennicott Bros. Co. are receiving some splendid outdoor valley—as fine as any indoor grown. Plenty of fertilizer is said to be the main cause of its excellence.

Aug. Jurgens has cut the last of his outdoor valley and is now cutting flowers from his first batch of cold storage pips.

H. D. Caldwell, Paris, Ill., was a recent visitor. Having sold his greenhouses and business, he is at present enjoying a little vacation.

The growers of and dealers in bedding plants report an immense business. A shortage in geraniums is already noticeable. The geranium seems to have taken a strong, fresh grip on popular favor.

As to cannas, few local growers bother with them. One of the large seedsmen offers them to the public at such low rates that the florists say they cannot afford to handle them in competition with him.

It is reported that James Jensen has been succeeded as superintendent of Humboldt Park by L. de Thier.

ST. LOUIS.

Market Conditions.

Business has been very poor during the past week. Transient trade has entirely disappeared. There is an occasional wedding or funeral order to be had, but with the street car strike still on it looks bad for the trade in general.

Decoration Day is not looked forward to with any very great expectations by our local dealers, as the little extra demand is mostly for the cheaper grade of flowers. Outdoor varieties, such as lilacs, snowballs, spiraeas, tulips and narcissus, which are generally on hand at this season of the year, are already out of bloom. Peonies are about the only outdoor flower to be had in any great quantity, and are selling at present from $3 to $5 per 100. The quality is only fair. The bulk of the home grown stock will be in this week. Cape jasmines are in from Texas and are sold at the commission houses at from 75 cents to $1 per 100. The blue cornflowers are in and sell at 25 and 35 cents per 100.

Roses and carnations are very abundant and job-lot prices prevail. The few Beauties that come in are in demand and the top price is $2 per dozen. The best price for roses is $4 per the very best, but very few bring that figure; $1 and $2 is the price for the bulk of the stock. Some very fine Jacques are in the market, rather short in stems, which sell at $2 per 100. Meteors, though, have the call over them, as they keep much better, have longer stems, and sell at about the same price. A few cool nights the past week have mildewed the roses very badly. Carnations are still very plentiful and fine, but the demand for them is light. No good reds in the market just now. Most of the carnations are sold at $1 per 100, and, of course, cheaper in 1,000 lots. A very few extra fine varieties brought $1.50. Sweet peas are plentiful and very fine. The demand fairly good at 25 and 50 cents per 100. Smilax seems to be in good demand of late at 15 cents per string.

Notes.

Arthur Ellison returned from Chicago last week. He spent a very pleasant week with the craft, which will be long remembered.

Mr. Potts, who came here from Chicago and opened a store on Finney avenue, a few months ago, has tired of his venture and is offering his place for sale.

John M. Hudson is reported somewhat better this week, but it will be some time before he will be able to be about.

The extracts in the last issue of the Review from the paper on "Aquatic Gardening" by Walter Retzer, and read by him before the Chicago Florists' Club, were read with interest by the St. Louis florists, who still have pleasant recollections of their former club member. It's a case of our loss and Chicago's gain.

We read in the last issue of the Review of the marriage of our old friend and former citizen, Billy Kasting, to Miss Anna La Tour. We don't know the young lady, but we do know "Billy," and we congratulate Mrs. Kasting on her choice, for we know that Mr. Kasting possesses all the good qualities of mankind.

One morning last week quite a crowd of retail florists and growers, who were at one of our wholesale houses waiting the arrival of the express wagons with consignments, were talking about the street car strike and how it hurt their business. One of the number spoke up and asked if anyone in the crowd could tell him why the street car owners were like the cannibals. We all gave it up, and he told us. "Cannibals cut up men to eat, and the street car owners cut the men down so low that they



Establishment of Mrs. M. M. Ayres, St. Louis.

can't get anything to eat." I won't mention the name of the originator of the joke, as he might receive offers from some professional manager to enter the burnt cork arena and then we would lose a bright light in the florist business.

There is nothing new to report about the bowling club. The members will not come down and bowl if they have to walk home. From the looks of things at present we may not have a team to represent St. Louis at the S. A. F. convention in New York. But we have some twelve weeks yet to think over the matter, and maybe after all St. Louis will send a team.

On next Monday night we will start the June series and we do hope that as many as can will be on hand. We are promised by that time that the street car strike will be at an end.

J. J. B.

BUFFALO.

Since warm weather has arrived plant men are very busy and on the eve of Decoration Day we are a little more than busy and instead of writing gossip we should be filling vases, or saying, "Yes, ma'm, your work shall surely be done by Saturday night." And then you fret and fume and try to think of 50 jobs all at once and then you nearly curse the business and in two or three week's time we will be saying what fools to fret, we got through in plenty of time.

The season is about one week behind the normal this year and outside flowers are in great abundance. The truck that is carried to the cemeteries is awful and the demand for greenhouse flowers is consequently light. Valley is just right and no rains to spoil it. Lilac is just in its first flush of beauty. Late tulips are plentiful and so are the double white narcissus, and in this city of homes and gardens thousands have their own flowers. Those that do want a little choicer quality can easily be supplied, for there is an abundance of carnations, roses and sweet peas.

Decoration, or, as it is known in some states, Memorial Day, will be kept as usual, and what makes us rushed is that of late years everybody wants their vase filled and on their lot by the 30th. I don't blame them for it is time, but when you have to handle 300 iron vases and get them all on the right spot, "Section A. A., north half of lot 311, stone marked John Thomas," it makes you hustle.

I notice this year an increase in the quantity of plants at the grocery stores and some of very fair quality too. I don't believe they make a cent by it but bother with them just because their neighbor does. It has little effect on the retail greenhouses, in fact if we had all the old women who turned round and looked at a dozen geraniums and then purchased one, we could not wait on them.

Some time ago we received a circular from the Philadelphia committee about the bowling. As the contest is in New York I don't see what a committee of Philadelphia men has to do with it. Last year going up the Detroit river we had a great meeting. Much of that will be unnecessary this year. The quantity of hot air that escaped in that cabin was something awful. We now have our officers and I approve of them highly. Kift is a man of action, quick to decide and the essence of fairness. The secretary is A. 1, and the treasurer is a dandy. I only hope that far western man can get to the seaboard. Last year at Detroit there was two hours of valuable time wasted wrangling over absolutely nothing on the alleys. The principal rule or law is every competitor must be a resident florist of the city he plays for and a member of the S. A. F. All the rest is easy and it matters not in what order the clubs play. If New York is drawn to play against Philadelphia and Chicago is No. 3. If Philadelphia is not ready let Chicago step into their place. What's the difference as long so we get our turn on each alley? I should like to see the Hon. Patrick O'Mara made master of ceremonies on the alleys at New York because he has the snap and command and executive ability enough to spread over several wards (that's no pun of the carnationists—I mean political wards). If the prizes to be given by the association can be purchased and presented at end of game to the winners it will be a great improvement over last year, but we were new then and could not help it.

Mr. Charles Havenith, of Belgium, who was almost a year with W. S., sails tomorrow for his ancestral home, Contich, Belgium. Charlie says he thinks he will find when he gets home that much that he has seen and observed will be of benefit to him on his father's large establishment and we wish him a pleasant voyage.

No rain here to do any good since the snow went, about nine weeks. We need irrigation much more than Colorado.

W. S.

PHILADELPHIA.

The Market.

There is little if any change in business over last week with the exception of bedding stuff for which there is a big demand. Geraniums have sold well. Cannas are very scarce.

Prices: Beauties, $1.25 to $3.00 per doz.; Brides, Maids, Kaiserins and Golden Gates, $4 to $8; Meteors and Perles, $4 to $6; Liberty $8 to $15. Carnations, ordinary, $1 to $1.25, fancy, $1.50 to $2.50; daisies, 50 cents to $1; callas, $6 to $10; Harrisii, $10; valley, $3 to $4; mignonette, $3; sweet peas, 50 to 75 cents; adiantum, $1; asparagus, $50; smilax, $15 to $20; paeonies, $4 to $5; cornflowers, 50 cents.

A visit to the establishment of Chas. Mechy is time well spent for there is to be seen a fine lot of well grown roses, geraniums, etc. He also grows a fine lot of azaleas and lilies for Easter. In pot chrysanthemums he grows from 8,000 to 10,000. He has just finished planting about 20,000 roses out of 2-inch pots. These are planted out in the open garden and are intended for next spring's sales.

James Cole, of 55th and Walnut streets, is seriously thinking of giving up growing roses, as from a 150 ft. house, planted to Brides and Maids, he realized only about $75.00. He intends growing two houses of carnations which he hopes will pay him better than the roses did. Mr. Cole does quite a business in bedding plants, having two wagons engaged in delivering about the city.

A visit to G. Aschmann's place found him busy filling orders for bedding. He says this has been his banner season.

The department stores are making a big display of bedding stock. They are offering geraniums, heliotropes and fuchsias out of 4-inch pots at $1.25 per dozen. We noticed also a fine lot of Tea roses out of 3-inch pots at $1.00 per dozen.

We had for our visitors the past week Mr. and Mrs. Ellsworth, Allentown, Pa. R.

NEW YORK.

Trade Conditions.

The eve of Decoration Day finds us with a cold spell and flowers not over plentiful. Roses and general stock from the greenhouses have shortened up considerably and many of the outdoor flowers have been held in abeyance by chilly weather. The condition of trade is satisfactory, that is to say it's as good as any other year, perhaps a shade better for the above day. Prices have advanced just as far as they dare, which is not saying much. Down at the 34th street market Tuesday morning there was a tremendous rush, several hundred buyers were there at 6 a. m. and in twenty minutes after every flower was gone. This might sound prosperous, it certainly looked that way, but it is necessary to have fresh stock early in your store these days, and time is money to most retailers.

Very few roses come to this 34th street market but almost everything else is there a plenty. Harrisii brought 10 cts; paeonies (officinalis), 75 cts to $1.00 per doz.; carnations, $2.00; cornflowers, 8 cts. a bunch; stocks, 25 cts.; peas, 8 to 10 cts per bunch; and so on. Flowering shrubs such as deutzia, syringa, snowballs, etc., went rapidly at good prices, and the general indication is for a first class cut flower trade the next few days.

The same condition seems to prevail at the plant market. Anything good, especially geraniums, sold well notwithstanding the fact that a large percentage of the trade done here is through peddlers. Just at present strawberries are coming in by the train load, the peddlers buy them for 2 or 3 cents a quart and many of them desert the plant market in favor of the fruit. However, a very large trade has been done, especially with plants intended for cemeteries. We visited these places and from what we saw we were inclined to arrive at the conclusion that plantsmen, that is those having good stock, would have no cause for complaint.

Our daily papers have been flooded with descriptions of the Clark-Morris wedding which took place on Tuesday, and we hope any in the trade will not have got hysterical over it. You know when some men get a job and give out figures you must divide them by 90. If you read of a decoration costing $5,000 you can feel sure that a few hundred dollars were begrudgingly spent on flowers and the market never ripples. Still this newspaper talk does good—a vast amount of good. Thorley had the work at the church and adopted some of the suggestions given in the Review. Thorley, like all the rest of good fellows, knows which is the best paper. A vast quantity of lilies and flowering shrubs were used in the decoration and the impressions were summery.

The Convention.

Committees are working hard to get the convention machinery in perfect condition. It looks as if the trade show will be an imposing one and why shouldn't it? New York is no village. The sporting crowd are evidently preparing to outshine all others. It's a pity brother Kift didn't think of New York when appointing his committee, but they're all good fellows. There promises to be some feeling over the matter of selecting teams in the different cities. Those who have faithfully stood by the bowling clubs long before convention talk became so loud have a right to a voice in the make up of teams. There is usually partiality shown to a few prominent men at the last moment; that's not American and should not be tolerated; if a man thinks himself too good to join a bowling club he ought to be considered too good to be on a team, specially for convention purposes. There's too much money and pride at stake this year for any doubtful transaction.

Various Items.

The New York Gardeners' Society may hold their annual strawberry show in connection with the national rose show at the Eden Musee, June 13. In any case their quarterly meeting will be held some day during the show. It is hoped they will assist in having the private gardens well represented at this exhibition.

The New York Society of Horticulture will hold a general meeting at 19-21West 44th st., 4 p. m.,Wednesday, June 13th. The constitution and election of permanent officers will be the principal topics. J. W. Withers is all importance just now; a daughter arrived on Saturday last and all's well.

Bobbink & Atkins have just received an immense stock of kentias; they are in all sizes and we never saw a finer or cleaner lot of plants. This firm reports a splendid trade in palms and bay trees.

Bowling.

Bowling last Monday night resulted as follows:

	1	2	3
Roehrs	144	167	152
Traendly	162	154	156
Schultheis	99	137	132
Hafner	135	146	179
O'Mara	145	138	156
Schenck	154	149	179
Elliott	...	94	161
Donlan	130	133	142

J. I. D.

WILKESBARRE, PA.—Ira G. Marvin has opened a new establishment near Oaklawn and Hanover cemeteries.

PITTSBURG.

Various Items.

Cut flower trade is very good for Decoration Day. Stock is not so plentiful as two weeks ago, when much went into the ash barrel. Lilies are rather scarce now and bring 10 to 12 cents.

F. Burki is sending in some good Spanish iris. He is right on top with quality in carnations.

Plant trade has been booming the last week and there seems to be no more first class stock on hand. There never has been such a demand for good plants as this spring and if the growers had asked more they could easily have gotten it. Good geraniums in bloom and French cannas are not to be found now, but lots of greenish looking stuff is on the market yet. Geraniums in 4-inch sold at $8 per 100. Double and single petunias sold well, when in bloom, and for more money than geraniums in same size pots.

Randolph & McClements are filling a great many porch and window boxes covered with birchbark.

The bedding out, at the parks, is now finished and looks fine despite the very dry spring we are having. No rain of any account since the 18th of April.

Carnation men are watering their plants in the fields. The severe frosts in May seem to have hurt only Flora Hill, the rest of them stand it all right even those planted only a couple of days before.

Paeonies are not going to be plentiful as the frost and dry weather crippled the buds. Lilacs were also very scarce this spring.

John Bader is building a $12,000 residence. Who says there is no money in the florist business?

BAER.

KANSAS CITY, MO.

It is a pleasure to call on the craft here, for you invariably hear the same remark—that "trade is all right." Flowers of all kinds are of good quality and enough to supply the demand, except Beauties. Roses alone are beginning to feel the effects of hot weather. Quite a few small decorations during the present month have prevented an oversupply of stock. In this respect we are fortunate, because it has a tendency to keep prices firmer and to preserve the equilibrium.

The past winter has been a prosperous one for the florists here—in fact, for the merchants in general, and to note the enormous amount of building going on one is easily convinced that we are in a rapidly growing city. In all branches of trade there is plenty of employment, and while we are having a few strikes, yet labor troubles have not assumed the alarming proportions as in some of the larger cities.

Six weeks ago our enterprising Kansas City Times offered through its col-

umns three liberal premiums for the best kept lawns during the coming summer. Several of our public spirited citizens soon followed suit with similar offers, which has greatly helped to stimulate trade for the plant men.

A visit to the greenhouses finds the owners of these establishments too busy to be sociable; each one is working an extra force of men at grading and sodding, which in this line has been unusually large this spring.

Twenty minutes' ride by electric railway from the business center of Kansas City and you land at Westport, otherwise known as the Hyde Park district. Fifty years ago Westport was a trading point with the Indians, and 'twas here during the Civil War that General Price fought some of his greatest battles.

During the past twenty years this now fashionable suburb has undergone an evolution, such leading business people as the Armours and many other wealthy citizens have built large residences of modern architecture, and the spacious lawns surrounding these mansions, sloping to the sidewalks, are worth going many miles to see. Bridal wreath, Viburnum Opulus and other fancy shrubbery are planted in groups and now are a mass of bloom. The streets are wide and well shaded on both sides by old elm trees.

Mr. George Kessler, our park superintendent, has taken unto himself a wife. H. J. M.

SAN FRANCISCO.

Various Notes.

Since the new charter went into effect in this city the public squares are beginning to look like places of pleasure—what they were intended for. Heretofore the gardeners who did the work on our squares happened to be men with a "pull," and political influence can transform a shoemaker into a gardener almost any day.

A change has been made, and from this time forth Superintendent MacLaren of the Golden Gate Park will have charge of all work on the public squares, and under his direction the work so far looks as if it had been done by a gardener. A fine lot of trees and plants of various kinds have been planted in Union Square, and makes the place look as if everything was being done on the "square."

Bennett Bros. have purchased a piece of land on Locksley avenue, Claremont, Oakland. One house, 80x35 feet, has been erected; other houses will follow. Carnations will be grown, also pot plants, suitable for market sales.

Mr. Robert Armstrong of Fernwood has just returned from San Diego, Cal., where he has been on his wedding tour. Mr. Armstrong reports that part of the state in very bad condition, owing to the absence of rains during the past three years and the total failure of the large carnation fields on account of the drought.

Sheppard & MacGowan of Piedmont, Cal., are resting their immense plantation of roses under glass and are very busy at present pruning and cleaning up and working the soil, getting everything in readiness to start the plants into growth for fall bloom.

At the Golden Gate Park conservatories a fine lot of potted calceolarias are to be seen this week and are much admired by visitors. Rhododendrons in full bloom are to be seen and are a mass of color where they are planted in groups. Anemones and tulips are in full bloom and several large beds of Tulip Gesneriana are simply grand. A few plants of Genista Andreana in bloom are to be seen in the borders and look much like a calceolaria when seen in the distance. It will make a good plant for the park and more of it ought to be planted. J. N.

THE CULTIVATION OF FLOWERS.

[Address delivered by Dr. W. S. Whitmore at Oceanic, N. J., May 18.]

Gentlemen of the Monmouth Co. Horticultural Society:

In presenting my humble effort for your consideration, I do not claim to have exhausted the subject. Could I write a volume there would still be things beyond me, and left unsaid. It is not within the province of man to embrace all the significance of my subject, and I merely touch upon the possibilities when I briefly present my sketch. It is a theme, that has made man famous in poetry and song; has placed artists upon the highest pedestals of fame; has brought joy and sunshine into myriads of lives and households, and will go on like the brook forever. The cultivation of flowers was among the first arts. When God created the garden of Eden, he became perforce the first gardener. He filled it with beautiful flowers, that it might be both a delight and joy to our first parents.

Of their kind and character, Biblical history gives us no knowledge, so we are obliged to turn to mythology for our information and description. It is said that the trailing arbutus was the richest in beauty, foliage and fragrance, of all the floral kingdom. It was styled the flower of Eden, by reason of its attributes, and was Eve's favorite. When desolation was visited upon the garden, and Eve was banished therefrom, the little arbutus elected to go with her. The Lord in punishment robbed it of its beautiful foliage, but by reason of its attachment and loyalty to Eve, allowed it to retain its fragrance. Its companion was what we now know as the night blooming Cereus, which was relegated to Adam, and was his favorite. The same condemnation was visited upon it, and in addition to the loss of its beautiful foliage, the Lord decreed that it should never raise its head or bloom in the sunlight again, and so on through all the vocabulary, each flower of Eden has its mythological history, and though but fiction, is suggestive of beautiful thoughts and associations.

In the cultivation of flowers, the elements which are stored away in the recesses of the seed are brought into activity by man's agency, enabling the light to act upon them and delight the eye. They have the colors given them by nature. They are beauties of her majestic bounty. Man's genius, acting through a perfect understanding of nature's laws, has afforded us the wonderful creations of the floral kingdom; the marvelous colors and combination that delight the eye and make the gardens and the homes veritable heavens upon earth. Nature's best efforts in the growing of flowers, are so cleverly improved upon by the artist gardener, that art can be what it is, because the gardener is what he is.

Who can express the joy of coloring as produced by the gardener? The gleams in the brooklet; the shimmer in the sunbeams; the mellow softness in the morning mist; the flash of color in the song-bird's throat; the depth of tone in the ivy leaf; the sheen of silver phosphorescence of the tropic seas, and the cold gray of the October morning, these and every shade of color are known to the expert florist. They make harmony of color a life study, and are truly learned in the crossing and hybridizing of plants and flowers.

All lovers of nature are born for the loving of flowers, and only require the encouragement of the gardener's masterwork to develop their latent gift, and direct their work toward beautifying the home, improving their knowledge and love of flowers, and stimulating the effort of the gardener to nobler and greater productions. This innate talent intelligently directed and assisted by the true gardener, is what will make them better fitted to disseminate this love of the beautiful, and cultivate it in the coming generations. The gardener is naturally endowed to create and improve on nature, and is, therefore, in a position to cultivate and instruct, and by this means is medium through which the improvement of man's love and ideas are enlarged, and the increased cultivation of flowers is encouraged, and new loves created. Thus the florist gardener is, not only the instructor, but, the creator of new loves and new ideas, and, also, new lovers of nature's sweetest creation—flowers. Thus I hold, the profession of gardeners is one of the noblest that tames the intellect of man.

Rome had its Caesar, to whom all nations bowed and paid tribute to his power, yet in all his might and majesty he could not raise a single flower. England had her William the Conqueror, and France her Napoleon, but with all their knowledge and power they could not propagate a single bud.

PRICE LIST.

ROSES.

Beauties, long	per doz.,	$3.00	
" medium	"	1.50	
" short	"	1.00	
Brides and Maids	per 100,	4.00 to	5.00
Meteor	"	4.00 to	5.00
Perles	"	4.00	
Roses, seconds	"	3.00	

CARNATIONS.

Standard sorts, select	per 100,	$1.50	.....
Fancy, select	"	2.50	.....

MISCELLANEOUS.

Pæonies	per doz.,	$ .50
Harrisii	$10.00 per 100; "	1.25
Callas	10.00 " "	1.50
Mignonette	"	.25
Forget-Me-Nots	$2.00 per 100; "	.25

CARNATIONS.....Our Specialty.

We are Chicago Sales Agents for
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Wholesale Cut Flowers

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Quotations are Subject to Change Without Notice.
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ALL SEASONABLE FLOWERS.

"P. & D." AT COST. USE THE CODE.

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MISCELLANEOUS.

Valley	per 100,	$3.00
Sweet Peas	"	.50
Marguerites	"	.50
Jasmines	"	2.00
Pansies	"	.50

DECORATIVE.

Asparagus	per string,	$ .50
Galax, green and bronze	per 1,000,	1.50
" " "	per 100,	.20
Ferns	$2.00 per 1,000; "	.25
Ferns, Maiden Hair, choice,	"	.75
Smilax	per doz.,	2.00

Extra select and inferior qualities charged for according to value.

Choice stock will always be shipped, when procurable, unless otherwise ordered.

Mention The Review when you write.

America had her Washington, than whom the world has seen no greater general, yet he, like all the rest, was ignorant of what he loved the most—the cultivation of the flower. Go with me if you will into the church where tapers burn and vestal choristers sing their hallelujahs to the first gardener and Creator, the great Jehovah, and what is the first tribute we lay upon the holy shrine? Sweet flowers, emblematic of Christ's purity and love. Follow me to the festal wedding, and what do we behold? The same tribute to this holy and sacred office—flowers. Go further with me to the homes of the dead, who sleep their long sleep in their tents of green, and what do we see? The same loving tribute—flowers. And so on, through all the phases of life; in joy or in sorrow; in darkness or in sunshine; the one great monitor that speaks our love and our grief, our sadness or our pleasure, is the same sweet creation of the gardener's handiwork—flowers.

This love of the beautiful opens every day a wider and more useful field for the gardener. The flower is not a simple fad to be cultivated for a few days and then cast aside. They were on earth when the sons of morning sang together; they will gladden the eye until the resurrection. Thus the gardener is the happy instrument through which this love of flowers is perpetuated.

Practical men are made poetic by the beauty which is about them, and this love for the flowers grows upon them and is transmitted to their children. Hence societies are formed, and the gardeners vie with each other to create new and beautiful ideas in the cultivation of flowers. Witness the constant rivalry for supremacy at the flower shows throughout our land. The struggle for prizes as a reward and recognition of their efforts. The cynic will say: "Of what use are they?" "What do they bring?" "What are they worth?" "What is a ribbon worth to a soldier?" High thoughts, bright dreams, the ambition to create and improve.

It is the desire of every true gardener to succeed, and every success brings a betterment of his condition. It does not come without care and thought. Before anyone can be an artist in his art, he must first be a workman at his trade, and it is only by giving close attention to this diversified and comprehensive study that these possibilities are acquired. Thus many men are florists, but the want of thoroughness in their early studies is always apparent. This thought should be an incentive to stimulate the gardener to renewed efforts for the mastery of his profession.

Every great epoch in the history of the world brings with it a usefulness for flowers. Let me cite one example, the conflict between the North and the South. When the war was over, in the South, where, under warmer skies and more poetic temperament, symbols and emblems are better understood than in the practical North, the mothers, widows and children of the confederate dead went out to decorate the graves of the fallen. With what? Was it with gun and sabre? No. Was it with insignia of heraldry? No. With what, then? With simple flowers, casting them, unconsciously, alike upon the unmarked resting places of the federal and confederate dead. Oh, what a revolution of feeling did this create in the hearts of the people of the North. It aroused feelings of amity and friendship. It allayed sectional animosity, and it gave birth to a general day of decoration. And what has been the benefit to florists? Hundreds and thousands of gardeners are employed throughout the length and breadth of our land, engaged in the cultivation of these beautiful gems, that our honored dead may sleep beneath a wilderness of flowers.

Flowers, sweet flowers, they will ever continue to play their part; will bring joy to the sorrowful; happiness to the afflicted. They will gladden the heart of the bride; they will be sweet emblems of love to the departed. They are indigenous to all climes; on the summit of the snow-clad hills, greeting the first sun of the early morn; in the wild wood where the foot of man has never trod. They are in all homes and places. There is not in the history of the world one other creation that bears the same relationship to all our moods; that expresses our thoughts; that conveys the echo of our hearts; that has the same influence upon society; that enriches, ennobles, and cultivates the good within us, as this noble effort of the gardener's handiwork—flowers.

DETROIT, MICH.—The death is announced of David Ward at his home at Orchard Lake, 30 miles from this city, aged 77 years. He leaves an estate estimated at $30,000,000, accumulated largely in the lumbering industry. He was the father of C. W. Ward, the well known florist of Queens, N. Y.

NAPERVILLE, ILL.—J. J. Rohr & Son contemplate enlarging their glass surface.

SAMUEL S. PENNOCK. Wholesale Florist

{ Until further notice, will be open from 6:30 a. m., to 10.00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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AMERICAN ROSE SOCIETY.

As previously announced, the first summer exhibition of the American Rose Society will be held in the winter garden of the Eden Musee, New York City, June 12, 13 and 14. Latest details may be had by addressing the secretary, Mr. Leonard Barron, 136 Liberty st., New York City.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE — At once — Four acres, two dwellings, barn, eleven greenhouses, 18,000 feet d. s. glass; in a thriving town of 20,000 inhabitants; good shipping trade and local market; $3,000.00 cash, balance on time. Address E. Haentze, Fond du Lac, Wisconsin.

WANTED—Experienced man for teas and mum stock to work under foreman. Salary $25 00 and board per month to begin with. Poehlmann Bros., Morton Grove, Ill.

WANTED—Florist, must be sober, industrious and good designer. Write, stating experience and wages with board. D. C. Noble, Columbia City, Ind.

WANTED—Second-hand 4-in. soil pipe and fittings; must be in good usable condition: also can use a 20-horse power boiler of horizontal pattern. Address D. C. Noble, Columbia City, Ind.

SITUATION WANTED—A permanent situation as manager of commercial place, new one preferred. Will be at liberty July 1. Am up-to-date in every department. North-eastern Pennsylvania preferred. Address Practical, care Florists' Review.

WANTED—A few good men as assistant rose growers and helpers. Apply to Bassett & Washburn, Hinsdale, Ill.

WANTED—Immediately, a willing young man, between 19 and 25 years old, who has had two or three years' experience in rose houses; wages $25 and board per month; steady employment. Address G. O. Wilson, Fruitvale, Alameda Co., Cal.

WANTED—Two young men, able to take charge of a range of rose houses; must be experienced; references. Apply Emil Buettner, Park Ridge, Ill.

WANTED TO RENT—A place in good condition of from 4000 to 6000 ft. of glass. Address Scotch, care of Florists' Review.

FOR SALE AT BARGAIN.

8 Greenhouses nearly new, hot water heat, dwelling, office, 4 lots. **A SNAP** if sold soon. Good reason for selling. **HENRY DIERS, Sibley, Ill.**

FOR SALE!

THE MORRIS FLORAL CO., At MORRIS, Illinois,

61 miles west of Chicago, doing a retail and wholesale business. Incorporated 1897. Doing a business that increased every year; increase of business over 1899 was $1,282.61 up to April 1, 1900. Reason for selling: A. Mitting, present secretary and manager, retiring, and there is no one else in the company who understands the florist business. The plant, with 2 houses, barn and 6 acres of land, cannot be built for $20,000 to-day. If you mean business, come and see it. Terms, $3,000 cash, balance good paper. For sale to the highest bidder. All bids will be opened on July 1st by the directors.

A. MITTING, Secretary.

Morris, Ill., May 15, 1900.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

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Cabbage!======Cabbage!

H. Succession, Early and Late Flat Dutch Drumhead Savoy and other varieties, field-grown plants. 15c per 100, $1.00 per 1 00, $8.50 per 10,000.

CELERY. White Plume. Golden Self-Blanching, Giant Pascal, New Rose and other varieties. 10 acres will soon be ready. 15c per 100, $1.00 per 1000, $8.50 per 10,000. (Large enough now for transplanting at 75c per 1000.)

TOMATO, Stone Paragon, Royal Red and other varieties, field-grown, 15c per 100, $1.00 per 10 0, $8.50 per 10,000.

Any of the above plants by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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FOR SALE.

240 acres of land on Isthmus of Tehauntepec, State of Vera Cruz, Mexico.

For full particulars write

ROLAND HUGHES,

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FOR SALE at a great sacrifice.

STOCK OF PLANTS AND SIX GREENHOUSES with latest improvements, steam heat, etc.; opposite cemetery; large ground fronting main street in prosperous town close to Chicago; street car passing the door; best opportunity to secure excellent investment and well-paying business. Reason for selling owner going to Europe. S. SCHALLMANN & CO.,

Room 1204, 138 Washington St., CHICAGO.

FOR SALE.

A fine farm of 439 acres of rolling land, under cultivation. A fine dwelling, good water, plenty of fruit trees. An excellent opportunity. Write for particulars. Price $5,500.00.

A large plant situated in a large town in Ohio. 60,000 feet of glass. A modern place fully equipped and stocked. Three dwellings; city store, furniture and equipments. Reasons for selling and price will be furnished on application.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 869.

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JOHN B. FERGUSON, Wholesale Florist,

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LONG DISTANCE 'PHONE 2985.

We Command a Good Market.

Consignments Solicited.

Floral Fancies, Language of Flowers,

TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

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Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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EDWARD B. JACKSON,

Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

Rose Plants

Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES,

3-inch, $4.00 per 100; $35.00 per 1000.

2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

3309 N. Western Ave., CHICAGO, ILL.

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A LETTER TO FRITZ.

Mr. Fritz Blumenschneider. Dear Friend: I have read your complaint about low prices in the Review of May 24, and will say, if you are selling roses and carnations at 15 cents a dozen you are one that ought to be hung. If this hits you in the "gernick," I am sorry.

If the florists would have a little friendliness and love, one for all and all for one, we would soon have better prices. We are too jealous of each other, and cutting prices don't do any good to anyone. The department stores, the grocerymen and the undertakers take the business out of the retailer's hands, and it is not a bit nice of a wholesale grower to charge a brother florist $1.50 per 100 for carnations and sell equally good flowers to a department store for 50 cents per 100. The storeman sells them at cost in order to draw customers to his store, expecting to make a profit on other goods. The undertaker goes to the wholesale man, buys the carnations at 50 cents a hundred and makes up funeral work for his customers himself. Every groceryman sells plants at reduced rates. Now, what is there left for the florist?

You must not blame the who'esale man for selling all his stock, good and bad, if he has a chance, for to sell is business, but let him sell to florists only. Be honest and upright; don't do as some do; stand yourself up before a batch of hybrid perpetuals that belong to a brother florist and out of pure envy tell the public they are tea roses. Let florists be friends the world over. That is the only way to better our prices and our business.

I. O. S.

WHAT IS IT WORTH?

Would a book containing the results of your life's experience in the trade be worth $5 00 to you? Of course it would, if arranged so you could instantly refer to any of your past experiences—failures as well as successes. Would it be worth $5.00 to anyone else in the trade? Certainly it would, for the daily experience of any practical man is extremely valuable to all others. But when it is the life experience of a notably successful and practical man, it is doubly valuable. That's what The Florists' Manual, by Wm. Scott, is. Would you like a copy? Send us $5.00; we do the rest.

"STRAIGHT AND SOBER."

He was very much intoxicated and had to be helped into the store by the cab driver. He wanted the florist's advice in everything, and after some flowers had been selected he wanted to write a note to go with them. After much effort he produced a scrawl and asked the florist his opinion about it. It read. "Dear Clara: I am straight and sober now and want to see you for just a short time before I go away."

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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A. L. RANDALL
Telephone 1496
Wholesale Florist,
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In our new and enlarged quarters we are better prepared than ever to handle your orders.
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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
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WEILAND AND RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses: Pleasant Hill, Mo.
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The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O.
Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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H. G. **Berning**
WHOLESALE FLORIST,
1322 Pine Street,
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ELLISON & TESSON,
WHOLESALE SHIPPING
FLORISTS
3134 Olive Street, ST. LOUIS, MO.
...Home Grown Stock...
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AN INSECT INFESTED FERN.

She was very angry and told the florist he would never get another order from her. "That fern you sold me was infested with insects. The under sides of the leaves were thick with them. I cut the leaves all off to get rid of the insects and now the plant has died."

"But, madam, those were not insects; they were spores, the seed of the fern plant."

? ! ! ! Exit madam.

YOUR MEMORY.

Is your memory perfect? Can you always remember the little changes in practice that you decided last year to make this year? If not, you will find The Florists' Manual, by William Scott, a most useful memory refresher. It is a complete reference book for commercial florists and costs $5.00. If your memory is not absolutely perfect it will save you $5.00 a month by enabling you to correct omissions due to oversight and forgetfulness.

KENNICOTT BROS. CO. agreed to break the record and did so, filling every order received for Decoration Day, Meteors and Perles being the only things that were a trifle short.

QUOTATIONS AT DATE ARE:

ROSES, - - FANCY STOCK, $4.00 to $5.00 per 100
CARNATIONS, " " $1.50 to $2.00 "
PAEONIES, $3.00 to $5.00 per 100

ALL OTHER FLOWERS AT AS LOW RATES AS THE MARKET WILL ALLOW.

Kennicott Bros. Co., 42-44 E. Randolph St., CHICAGO, ILL.

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Extra Strong METEOR ROSE PLANTS
2½-in. Pots, Now Ready.
Surplus stock from plants reserved for our planting, at the low price
$2.50 per 100, **$20.00** per 1000
Address **THE FLORAL EXCHANGE, Inc.**
Edgely, Bucks Co., Pa.
The home of the famous new Rose,
"The Queen of Edgely," PINK AMERICAN BEAUTY....
Mention The Review when you write.

Extra Fine Meteor Rose Plants
READY TO PLANT AT ONCE.
500 from 3½-in. pots, $4.00 per 100.
1000 from 3-in. " 3.50 "
or the lot for $50.00
Wanted — 300 Bride and 200 Maids, from 3-inch or 3½-inch pots.
J. F. AMMANN, EDWARDSVILLE, ILL.
Mention The Review when you write.

ASPARAGUS SCANDENS DEFLEXUS.

This is the name of an asparagus that the Geo. Wittbold Co., Chicago, are much taken with, and they are working up a stock of it as rapidly as possible. The form is similar to that of Sprengeri, but it is much finer and has several other desirable characteristics. We believe it will be exceedingly useful. It is not a new variety, but is one whose good points have been overlooked.

LOCKPORT, N. Y.—Mr. E. B. Lew's, the florist, is over 80 years old and recently celebrated his birthday.

Special Offer

15,000 Meteor Rose Plants in 2 1-2-in. pots.

Wishing to clean out our Rose Plants so as to make room for planting, we offer same at **$20** per 1000.

Also a few 2½-in. Maids, Brides and Perles left at $25.00 per 1000.

3-INCH STUFF: 1500 each Brides and Maids, and 300 Perles, $4.00 per 100. 1500 Beauties, $7.00 per 100.

Special price on large quantities.

This stock is A No. 1 in every respect. As good as any we have sent out, which has given general satisfaction.

J. A. BUDLONG, 37-39 RANDOLPH STREET, CHICAGO.

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Cut Flowers. VALLEY for the June Brides. AMERICAN BEAUTIES a Specialty.

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., - Milwaukee, Wis.

FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

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Always Mention the.... **Florists' Review** When Writing Advertisers.

Always Mention the.... **Florists' Review** When Writing Advertisers.

A WRINKLE IN BULB FORCING.

On page 757 of our issue of May 17 we mentioned Mr. August Jurgen's plan of encouraging the development of the flower spike by removing part or all of the foliage. It appears that he does not practice this in the case of hyacinths in pans, as the foliage is an essential to the sale of the blooming bulbs to be sold in pots and pans. It is done only in the case of spikes for cutting.

He once had a batch of Dutch hyacinths of which the foliage was six or more inches tall while the flower spike persisted in remaining down near the soil. The foliage was removed and the spikes at once lengthened and grew into good marketable stuff.

At his place this week we noted some flats of Narcissus poeticus from which all the foliage had been removed to within an inch or so of the bulb. But the flowers were extra size and the stems unusually strong.

A DWARF GERANIUM.

Messrs. Clarine Bros., Faribault, Minn., send us for inspection two 2½-inch pot plants of a diminutive geranium of the bronze section that were full of pretty single pink flowers. The foliage was not more than an inch and a half above the pot, and from the soil to the tips of the flower trusses was only two to three inches.

They write that the mother plant was raised from seed about a year ago and stands today less than four inches above the pot, is symmetrical, blooms freely and is a good grower.

We see no reason why it should not prove a useful addition to our list of geraniums. As a pot plant it would be sure to attract ladies and children especially on account of its dwarfness. They would be sure to declare it "real cute."

CHATHAM, N. Y.

We had quite a hail storm here May 21, enough hail falling to cover the roof as with snow, and it was quite a long time before it melted away. It did no real damage to glass here, but a few miles north of us the stones were larger. Ours were about the size of large peas.

May has been a bad month for the grower so far. Carnations have been frozen in the ground since planting out. R. E. S.

MITCHELL, SO. DAK.—Weather fine. Carnations and mums all out and doing well. Decoration Day trade is going to be a hummer; orders are pouring in every day. This season trade is 40 per cent better than last year. E. C. N.

FOND DU LAC, WIS.—Spring business has opened finely and indications are that it will be double that of previous years. Scarlet geraniums are all the go and demand is very large.

100,000 PLANTS. EXTRA FINE STOCK.....

	Per 100		Per 100
Alternantheras, 2¼-in.	$2.50	Geraniums, Mme. Salleroi, 2¼-in.	$4.00
Anthemis, dble. yellow Marguerite, 2¼-in.	4.00	" Mme. Salleroi, 3-in.	8.00
Anthemis, dble. yellow Marguerite, 3-in.	6.00	" Ivy, 2¼-in.	4.00
Begonia Rex, 2¼-in., $4.00; 4-in.	10.00	Lobelia, 2¼-in.	3.00
Coleus, 2¼-in.	3.00	Maurandya Vine, 2¼-in.	3.00
Cobea Scandens, 2¼-in.	3.00	Petunias, single, 2¼-in., $3.00; 3-in.	5.00
" " 3-in.	5.00	" double, 2¼-in., 6.00; 3-in.	8.00
Dracaena Ind., 3-in., $10.00; 3¼-in.	15.00	Palm Washingtonia filifera, 2¼-in.	4.00
" " 4-in.	25.00	" " " 3-in.	6.00
" " 5-in. $35.00 to	50.00	Pansy Plants, bud and bloom	2.00
Fuchsias, 2¼-in., $4.00; 3-in.	6.00	" " med., per 1000, $8.00.	1.00
Geraniums, Mars, 2-in., $6.00; 3-in.	8.00	Salvia, 2¼-in.	3.00
" S. A. Nutt, 2¼-in.	6.00	" 3½-in.	6.00
" La Favorite, 3 in.	6.00	Vincas, 2¼-in., 3.00; 3-in.	6.00
" Mme. Salleroi, 2-in.	3.00	" 3½-in., 8.00; 4-in.	10.00
		" 5-in.	15.00

Terms Cash or C. O. D.

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Successors to Albert Fuchs,
2045-2059 CLARENDON AVE.
CHICAGO, ILL.

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While They Last.

40,000 .. GERANIUMS .. 40,000

Geraniums, strong 2½-in, choicest varieties in cultivation, true to name: S. A. Nutt, Bruanti, La Favorite, White Swan, Mrs. J. M. Gaar, Frances Perkins, Mme. Bruant, Mrs. E. G. Hill, Beaute Poitevine, Athlete, American Wonder and Mme. Jaulin. These are all strictly first-class bedders. All orders will be filled the day they are received at $2.75 per 100; $25.00 per 1000. 500 at 1000 rate. Rose, strong 2½-in., 2½c; strong 2 in., 2c. Mme. Salleroi, strong 2-in, $1.50 per 100. **First come, first served.**

20th Century Verbenas and the choicest collection of dble. fringed **Petunias**, strong 2-in., $2.50 per 100.

Coleus, strong, 2-in., choicest varieties, $2.00 per 100.

Fuchsias, rooted cuttings, 10 choicest varieties, $1.00 per 100: 2-in., 2c.

25,000 2½-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, $3.00 per 100. Kaiserin and Golden Gate, $4.00 per 100. Guaranteed satisfactory in every respect.

Smilax, strong seedlings, 50c per 100; $4.00 per 1000 by mail. Extra strong 2-in., $1.25 per 100; $10.00 per 1000.

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20,000 rand rooted cuttings will be ready June 20. These cuttings are clean and free from disease. Please come and see for yourself. The above cuttings are $15.00 per 1000; cash with order. Orders booked now. Also, clumps of Marie Louise Violets at $4.00 per 100—clean and full of well rooted runners.

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Coleus, best red, yellow and assorted	$ .50
Moon Vines, white	1.00
Santolina Chamoeropsis, very strong	1.00
Ageratum, blue, white and P. Pauline, 2½-in. pots.	1.50
Salvia Splendens, tall and dwarf, strong, " "	2.00
Cobea Scandens, 18 to 24 inches, " "	3.00
Chrysanthemums, long list of best varieties, strong, 2½inch pots	2.00
Alternanthera, red and yellow, 2½-in. pots	1.75

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A large list of the Best New and Leading STANDARD VARIETIES.
Strong, healthy, vigorous plants, from 2-inch and 2½-inch pots.
There are none better; most of our customers tell us there are none so good.
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GENEVIEVE LORD from sand, grand stock, $10.00 per 100; $75.00 per 1000.
AMERICA, GOMEZ AND MACEO $5.00 per 100.
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NOVELTIES AND STANDARD VARIETIES....

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Ivory	Rose Owen
Mrs. J. G. Whildin	The Queen

And other varieties from 2½-in. pots, $2.00 per 100.

Aster Semple and Victoria Plants, from seed bed, 25 cents per 100, $2.00 per 1000.

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The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

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We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO, G. H. CRANE, GLACIER, MORNING GLORY. $1 per doz., $6 per 100, $50 per 1000.

GEN. GOMEZ, MRS. G. M. BRADT 75c per doz., $5 per 100, $40 per 1000.

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MRS. JAS. DEAN, $3 per 100, $25 per 1000

MRS. THOS. W. LAWSON, $3 per doz., $14 per 100, $120 per 1000

OLYMPIA, $2 per doz., $12 per 100, $100 per 1000

THE MARQUIS, GENEVIEVE LORD, ETHEL CROCKER $2 per doz., $10 per 100, $75 per 1000

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

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	Per 100
Centaurea Gymnocarpa, 2-in. pots	$2.00
Oxalis floribunda, 2-in. pots	1.50
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Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

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Send in your order now for a copy of the Florists' Manual.

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Acalypha Sanderi, 2½-in., 75c a doz.
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P. Major and A. Nana, from 2-in. pots, at $2.25 per 100, and $20.00 per 1000. Cash please.
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Alternantheras, Red and Yellow, 2-inch, at $2.00 per 100. John F. Horn, 20 North Sixth St., Allentown, Pa.

2-in. pots, P. Major, $1.75 per 100; A. Nana, $1.50 per 100 cash.
C. A. Harris & Co., Delanson, N. Y.

Alternantheras, red and yellow, 50c per 100; $4.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

Alternantheras, 2¼-in., $2.50 per 100.
Greene & Underhill, Watertown, N. Y.

ALYSSUM.

5,000 Alyssum (Carpet of Snow), new, much dwarfer and better bloomer than Little Gem, out of 3-in. pots, $3.00 per 100. Cash. Samuel V. Smith, 59 Goodman St., Rising Sun, Philadelphia, Pa.

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Double Sweet Alyssum, $2.00 per 100.
The Good & Reese Co., Springfield, O.

Sweet Alyssum, 2-in., $3.00 per 100.
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ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Sprengeri, 2-in., $3.00 per 100. A. plumosus nanus, 2-in., $4.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

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Sprengeri, 2½-in., $3.50 per 100; $30.00 per 1000. John A. Doyle Co., Springfield, O.

Sprengeri, 2½-in., $2.00 per 100.
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If you read these advs. others would read yours.

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Semple's Asters, separate colors, $2.75 per 1000; mixed, large percentage white, $2.00 per 1000; Queen of the Market (earliest), mixed, $2.50 per 1000. Express paid. A. & G. Rosbach, Pemberton, N. J.

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Strong plants of Semple's, Vick's, Ostrich Feather, Queen of the Market, Truffaut's, 35c per 100; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.

Asters, new giant comet, lavender, pink and white and pure white, strong 2-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Semple and Victoria plants, from seed bed, 25c per 100; $2.00 per 1000. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Semples' Asters, 4 colors, strong plants, 100 for 40c; 300 for $1.00; 1000 for $2.50.
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Strong plants, Queen of Market, White and Mixed, at $1.00 per 100.
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Mexican primroses, good for vases, $3.00 per 100. McGregor Bros., Springfield, Ohio.

Maurandya vine, 2¼-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

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Geraniums, 4-inch pots, $6.00 per 100. Petunias, fringed varieties, 4-in., $5.00 per 100; 3-in., $3.00 per 100. Artillery Plant, 4-in., $5.00 per 100. Vernon Begonias, red and pink, 2¼-in., $2.00 per 100. Coleus, Golden Bedder and Verschaffeltii, 2¼-in., $2.00 per 100; in variety, 2¼-in., $1.75 per 100; rooted cuttings, 60 cts. per 100. Alternanthera, red and yellow, 2¼-in., $1.75 per 100. Mammoth Verbena, 3-in., $3.00 per 100. Sweet Alyssum, Little Gem, 2¼-in., $2.00 per 100. Trailing Lobelia, blue, 2-in., $1.20 per 100. Satisfaction guaranteed. Low expr. rates. J. S. Bloom, Riegelsville, Pa.

Bedding Plants, first-class stock. Candytuft, 2-in. pots, $3.00 per 100. Giant Dble. Mixed Wallflower, 3-in. pots, $4.00 per 100. Petunias, in bloom, mixed, 2½-in. pots, $3.50 per 100. Stock, white, crimson, 2½-in. pots, $3.00 per 100. Sweet William, fine, 2-in. pots; Dahlias, single, mixed, 2-in. pots; Lobelia, Crystal Palace and Speciosa, 2-in. pots; Asters, Queen of the Market, 2-in. pots; Asters, Semple's Branching, 2-in. pots, $3.00 per 100. Asters, from flats, same size, $2.00 per 100. 25 at 100 rates. Cash. Felix Bridger, Westfield, N. J.

Bargain. Geraniums, Double Gen. Grant and Rose in bud and bloom, fine 4-in., $5.00 per 100. Coleus, Verschaffeltii, and Golden Bedder, 2½ and 3-in., strong, $2.00 per 100. Verbenas, finest mixed, Phlox Drummondi, fine stock, 3½-in., in bud and bloom, $3.00 per 100. Lobelia, trailing.

Nasturtiums and Rose Geraniums, extra strong, 2½ and 3-in., $2.00 per 100.

Stevia, dwarf, best for winter flowering, strong, 2½-in., $4.00 per 100. Cash please.
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Extra fine 2-in. stock. Alternanthera, 3 varieties, $1.50 per 100; $14.00 per 1000. Fuchsias, mixed, $1.50 per 100. Begonia Metallica, $2.25 per 100. Coleus, Golden Bedder and Verschaffeltii, $1.50 per 100; $15.00 per 1000. Mixed Coleus, $1.35 per 100; $13.00 per 1000. Rooted cuttings, Golden Bedder Coleus, 60c per 100; $5.50 per 1000. R. I. Hart, Hackettstown, N. J.

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Ivy Geraniums, 3 colors, 60c. per doz.; Alternanthera, red and yellow, $1.50 per 100; Thunbergia, 60c. per doz.; Hardy Ivy, 60c. per doz.; Rose Geranium, 60c. per doz.; Lantana, 2 kinds, 60c. per doz.; Vinca, 4-inch, 75c. per doz.; 3-inch, 50c. per doz. Cash with order please. Alex. Schultz, Phillipsburg, N. J.

Ageratum, dwarf blue; Cineraria Maritima; Coleus, Verschaffeltii and assorted, from 2½-in., $2.00 per 100; English Ivy, from pots, 3 to 4 feet. $10.00 per 100; Verbenas, mammoth, strong, from 3-in., $3.00 per 100. Cash with order. Jas. Ambacher, Long Branch, N. J.

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Coleus in 2-in., $3.00 per 100. Cannas, 4-in., $6.00 per 100. Scarlet geraniums, 4-in., $7.00, 3-in., $3.50 per 100. Begonias, 2-in., $4.00 per 100. Vincas, 4-in., $10.00 per 100, extra strong, also 5-in. C. Handel, Batavia, Ill.

Centaurea Gymnocarpa, 3-inch, $2.00 per 100. Ageratum, blue and white, 2-in., $1.00 per 100. Pansy Plants in bud (mixed) $1.00 per 100.
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Rex Begonias, fine strong plants, 2½-in. pots, just ready for a shift. Magnificent, Indianapolis, Mystery, Elegans and Whittier, $5.00 per 100. Cash. Floracroft Gardens, Moorestown, N. J.

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Begonias, 3 and 4-in. pots.
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Bouvardias from 2½-in. pots, white and pink, $2.50 per 100. J. Palmer Gordon, Ashland, Va.

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Just received. Fine stock of the following bulbs:

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Caladium Esculentum, 5 to 7-in cir.	$ .50	$ 3.00
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		100. 1000.
Tuberoses, Excelsior Pearl, 1st class.	$1.00	$7.50
Tuberoses, Excelsior Pearl, medium.	.75	5.00

Send us your orders now. We also have complete stocks of Gladiolus, Cannas, Lilies and all spring bulbs.

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Send for our quotations on Roman hyacinths, Liliums Harrisii and Longiflorum, etc., etc. We are large importers of high class bulbs.
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Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Now booking orders for CALLAS and FREESIAS. Send for our quotations and surplus list of palm and other California seeds.
Germain Fruit Co., Los Angeles, Cal.

Forcing Bulbs. We are prepared to quote prices on your probable needs. Send list and get estimate. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

Tuberoses, The Pearl, 4 to 6 inches in circumference, $5.50 per 1000; $25.00 per 5000, net. Cash with order.
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Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

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Cereus grandiflorus (The Queen of Night Cactus), 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

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Caladiums, started, 5-in. pots, good stock, $5.00 per 100. Geo. L. Miller, Newark, Ohio.

Esculentum, fine bulbs, $3.00 per 100.
The Good & Reese Co., Springfield, O.

Caladiums, in 6-in. pots.
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California Privet for hedges can be planted until July. Plants shipped with perfect safety. I offer 2-year-old, 2 to 3 ft., $25.00 per 1000, 2-year-old, 2 to 3 ft., lighter, $20.00 per 1000, 2-year-old, 1½ to 2 ft., $15.00 per 1000. Not less than 300 sold at these low rates. I also have Privet cuttings at $1.50 per 1000. Atlantic Coast Nursery, James H. Cornell, proprietor, 606 4th Ave., Asbury Park, New Jersey.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

CALLAS.

Calla Ethiopica, fine bulbs, doz., 50c; 100, $3.50. Little Gem (blooms when 6 inches high), doz., 40c.; 100, $3.00.
The Good & Reese Co., Springfield, O.

CAMELLIAS.

Camellias, 18 to 24 inches in height, well branched, 50c. each; $5.00 per dozen; $40.00 per 100. The Good & Reese Co., Springfield, O.

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Choice varieties from 4-inch pots, $6.00 per 100; $1.00 per doz. Austria, Egandale, Fuerst Bismarck, Queen Charlotte, Mme. Crozy, Chas. Henderson, Alphonse Bouvier.
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Fine French Cannas, Bouvier, Florence Vaughan, Philadelphia, Gloriosa, from 4 and 4½-in. pots, at $8.00 per 100. Will exchange for good Geraniums and Coleus in separate colors.
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Surplus Cannas, 300 assorted standard varieties. About one-third Mme. Crozy, the remainder Charlotte, Asa Gray, Chas. Henderson, Egandale and other good sorts. $6.00 per 100, from 3 and 4-in. pots. Cash with order.
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Cannas, Star of '91, also a mixed lot of Florence Vaughan, Burbank, Austria, J. D. Cabos, etc., at $8.00 per 100,
Crabb & Hunter, Grand Rapids, Mich.

From pots. Austria, Italia, Papa, F. R. Pierson, H. Vaughan, and Best Mixed, strong, from pots, $4.00 per 100. Cash.
Jas. Ambacher, Long Branch, N. J.

Cannas, only the best varieties, mixed, 4-in., $3.00 per 100; $25.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

1000 cannas, good varieties in 4-in. pots, $5.00 per 100. C. L. Brunson & Co., Paducah, Ky.

Cannas, 3 and 4-in. pots.
Geo. A. Kuhl, Pekin, Ill.

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Carnations. The best of existing varieties. Maceo, Crane, Morning Glory, $6.00 per 100; $50.00 per 1000. Gomez, Bradt, Melba, $5.00 per 100; $40.00 per 1000. White Cloud, $4.00 per 100; $30.00 per 1000; Mrs. James Dean, New York, $3.00 per 100; $25.00 per 1000. Scott, McGowan, $1.50 per 100; $12.00 per 1000; Ethel Crocker, $10 per 100; $75 per 100; Olympia, extra strong, from soil or pots, $12.00 per 100. Genevieve Lord, extra strong, from soil or pots, $10.00 per 100.
The Cottage Gardens, Queens, N. Y.

Wm. Scott Carnation, out of soil, $1 per 100, or $10 per 1000. Melba, out of soil, $1 per 100, or $10 per 1000. Victor, $1 per 100, or $9 per 1000. Flora Hill, $1.25 per 100, or $10 per 1000. General Maceo, $4 per 100, or $35 per 1000. Mayor Pingree, $1 per 100, or $9 per 1000. Cash with order. Carl E. Taube, Trenton, N. J.

Large stock of carnation plants from soil ready for the field. Write for prices on what you want.
Geo. Hancock & Son, Grand Haven, Mich.

Genevieve Lord from sand, grand stock, $10.00 per 100; $75.00 per 1000. America, Gomez and Maceo, $5.00 per 100. Joost and Pingree, $2.50 per 100. Gold Nugget, $3.00 per 100.
H. Weber & Sons, Oakland, Md.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, $2.00 per 100. Buttercup (fine) $3.00 per 100.
Jos. Renard, Unionville, Chester Co., Pa.

From 2¼-in. pots and soil. Maceo and Crane, $5.00 per 100. White Cloud, Mrs. Bradt and Gomez, $4.00 per 100. Cash. A. Nelson, Notch Road, Paterson, N. J.

Carnations, novelties and standard sorts. Catalogue free. F. Dorner & Sons Co., LaFayette, Ind.

Best new standard varieties. Write for prices. Satisfaction or money refunded.
Carl Hagenburger, W. Mentor, O.

Orders booked now for fall delivery of carnation plants.
Chicago Carnation Co., Joliet, Ill.

Leading sorts, 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

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Leading varieties. White—Ivory, Midge, Bergmann, Robinson, Wanamaker, Kalb, Woodford, Jerome Jones, Independence, Weeks, Yellow—Golden Trophy, Henderson, Johnson, O. P. Bassett, Whildin, Modesto, Yellow Queen, Bonnaffon, Lincoln, Sunderbruch. Pink—Ivory, Glory of Pacific, Montmort, Morel, Perrin, Murdock. Bronze—Chas. Davis. Red—Geo. W. Childs. The above out of 2½-in. pots, $2.50 per 100; $20.00 per 1000. Also white—Mayflower, Western King. Yellow—Golden Wedding, Yellow Jones. H. E. Reiman. Red—Defender, Schrimpton. Bronze—Lady Hanham, out of 2½-in. pots, $3.00 per 100; $25.00 per 1000. Gretchen Buettner, fine late white, $2.50 per 100; $22.00 per 1000. Orders of 500 or more of not more than 12 varieties will be filled at 1000 rate. Terms cash with order, satisfaction guaranteed or money refunded. Secure your stock by ordering in advance. We are the largest growers of Mums in Illinois.
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Glory of Pacific, Perle Lyonnaise, Ivory, Miss M. M. Johnson, A. C. Avery, Pres. Smith, Mrs. H. Weeks, Mrs. W. K. Vanderbilt, Pitcher & Manda, Eda Prass, Cullingsfordii, Pink Ivory, Mrs. Perrin, Admiral Dewey, Frank Hardy, Yellow Good Gracious, Louis Boehmer, A. T. Ewing, Minerva, Silver Cloud, Mrs. O. P. Bassett, Marion Henderson, Florence Pullman, Simplicity, Bonnaffon, Fisher's Torch and Mrs. Egan. Fine plants from 2½-in. pots, $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.

Following from 2¼-inch and soil, $2.00 per 100, $18.00 per 1000; Bergmann, Lady Fitzwygram, Glory of Pacific, M. Henderson, Lager, Bonnaffon, White Monarch, Yanoma, Mrs. O. P. Bassett, Maud Dean, Robinson, Ivory, Belle of Castlewood. Cash with order, please. A. Nelson, Notch Road, Paterson, N. J.

Cullingsfordii, Glory of Pacific, Minerva, Ivory, Mrs. Whildin, Mrs. Jerome Jones, Mrs. S. T. Murdock, Mme. Bergmann, Rose Owen, The Queen and other varieties from 2½-in. pots, $2.00 per 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

2-in. pots, $2.00 per 100; $15.00 per 1000. Fisher's Torch, Cullingfordii, J. C. Vaughan, Glory of Pacific, Pink Ivory, Major Bonnaffon, Mrs. Perrin and 25 other varieties.
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Chrysanthemums for all purposes—novelties and standard varieties. Send us a list of your wants for lowest cash prices.
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Chrysanthemums, all the best new and leading standard varieties. Strong, vigorous plants from 2 and 2½-in. pots. Send for complete list.
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Hardy pompon, fine varieties, in pots, $8.00 per 100. Thomas Meehan & Sons, Germantown, Pa.

Major Bonnaffon, and 30 kinds, from 2¼-in. pots, $2.00 per 100. J. W. Howard, Woburn, Mass.

Chrysanthemums, only money making varieties, $1.00 per 100; $9.00 per 1000.
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Large list of the best varieties, strong 2½-in., $2.00 per 100.
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Chrysanthemum undulatum fl. pleno, in pots, $2.00 per 100. Cash. J. Loenrer, Boone, Iowa.

Leading varieties, 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

CLEMATIS.

Splendid plants, as per following list, in best possible condition for immediate planting: Jackmanni, purple; Superba, grand improvement on Jackmanni; Grand Duchess, splendid white; Marvel, snow white; Mme. Andre, red; Ramona, lavender; Gen. Grant, crimson; Henryl, large white; Star of India, purple, red barred; Gypsy, maroon; Duke of Norfolk, blue; Countess of Lovelace, double lavender; Princess, blue and white; Duchess of Edinburgh, double white; Kermesina, red; Mme. B. Veillard, pink; Gen. Wolseley, lavender and red; Belle of Woking, beautiful double blush; 15 cts. each; $1.70 per dozen; $14.00 per 100. 25 at 100 rates. All strong, glowing plants. C. Paniculata, a fine lot, in three sizes, $1.00, $1.50 and $2.00 per dozen.
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Cheap for cash. Clematis Paniculata. Strong healthy seedlings, ready for 2-inch pots, $3.00 per 100. Send for samples. Frank Jencek, 37 Webster street, Newport, R. I.

Clematis paniculata, pot-grown, $60.00 per 1000; 2-year field-grown, $90.00 per 1000.
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CLIVIAS.

Imported large flowering Clivias, 6 and 7-inch pots, $6.00 per doz.; 3 and 4-in. pots, $2.50 per doz.
Jno. G. Heinl & Son, Terre Haute, Ind.

COBEA.

Cobea scandens, 18 to 24 inches, 2½-in. pots, $3.00 per 100.
J. E. Jackson, Gainesville, Ga.

COLEUS.

800 2½-in. coleus; fine, clean stock. 20 varieties, good percentage of Golden Bedder and Verschaffeltii, $2.00 per 100 or $14.00 for the lot. Cash. A bargain.
John Beimford, Wilton Junction, Iowa.

Coleus, $20.00 per 1000. From pots, extra fine. Plants of the following varieties: Crimson Verschaffeltii, Golden Bedder, Glory of Autumn, and Little Jim. John Scott, Keap St., Brooklyn, N. Y.

Crimson Verschaffeltii, Golden Queen, Golden Bedder, and Mixed Rooted Cuttings, 60c per 100; $5.00 per 1000. 2-in. pots, $1.50 per 100. Cash. C. A. Harris & Co., Delanson, N. Y.

Coleus, 2½-in., $3.00 per 100. Golden Bedder, Victoria, Crimson Verschaffeltii, fine plants. Cash. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

40,000 Coleus. Verschaffeltii and other varieties, in 2½-inch pots, $2.00 per 100; $20.00 per 1000. Alexander Mead & Son, 349 Lake ave., Greenwich, Conn.

Verschaffeltii, Golden Queen. Assorted kinds. Usual prices.
L. H. Foster, 45 King St., Dorchester, Mass.

Verschaffeltii, Golden Bedder, Queen Victoria, 60c per 100; $5.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

COLEUS—Continued

10,000 coleus, named our selection, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Coleus, strong 2-in., choicest varieties, $2.00 per 100. South Side Floral Co., Springfield, Ill.

Coleus, 2¼-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

Leading sorts, 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

CROTONS.

Ten leading sorts, 2½-in., doz., 40c.; 100 $2.50. Good & Reese Co., Springfield, O.

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Northern Florists who never had direct shipments of Cape Jessamine Buds from us should try at least a small shipment this year. We have 2,000 customers at points north of Mason and Dixon line. Season: (Grandiflora) continues until June 10th. Supply: Ample to fill all orders. Quality: Guaranteed equal to or better than any other stock available at this date. Guarantee: Fresh and fragrant condition on arrival at destination at any express point in U. S. or Canada. Express Rate: 20 per cent less than cut flower rates and in some instances even more favorable. Prices: 75 cts. per 100; $6.50 per 1000. 500 at 1000 rate.
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Cut paeonies, pink and white, $4.00 per 100. Cash. Mrs. A. H. Austin, Charlestown, Ohio.

CYPERUS.

Alternifolius, 2½-in., $1.50 per 100.
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"The classified advs. are a great convenience," is the verdict of the buyers.

CYCLAMEN.

My specialty, Cyclamen persicum splendens giganteum. Finest strain in the world. Now ready to ship a splendid stock of plants in four separate colors, 2-in., $4.00 per 100; $35.00 per 1000; 2½-in., $5.00 per 100; $40.00 per 1000. Satisfaction guaranteed.
Paul Mader, East Stroudsburg, Pa.

Giganteum, 2½-in., doz., 30c.; 100, $2.
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Dahlias, strong tubers, large collection, at 6c each. W. & T. Smith Co., Geneva, N. Y.

Dahlias, whole roots, assorted, $3.50 per 100. Cash. W. D. Bussing, Westfield, N. J.

DAISIES.

New Marguerite. A great novelty for 1900. Having about 700 plants left I make this last offer to the trade. Get it. The greatest novelty on earth. Yellow and white, 4 to 5 inches in diameter, blooms every day in the year. Fine for cut flowers, also for pot plants. See adv. in Review of April 19. Get it or next spring you will wish you had. Six plants, 75 cents; 12 plants, $1.25; by mail, postpaid.
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Double daisies, Bellis perennis, white and pink, in flower, $2.00 per 100 from frames. E. & C. Woodman, Florists, Danvers, Mass.

White Paris daisy, from flats, $1.50 per 100.
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Greene & Underhill, Watertown, N. Y.

Anthemis, double yellow, 40c per doz.; $4.00 per 100. McGregor Bros., Springfield, Ohio.

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I have a few Dracaena Australis. Broad, green leaves, strong seedlings grown in open frames. I offer them at $10 per 1000, $1.25 per 100. They make a fine decorative plant, and are superior to the Indivisa for all purposes. Worth three times this money if potted.
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Dracaena Indivisa. Fine stock, 3 years old, out of 5-in. pots, very stocky, 2½ to 3 feet, $3.00 per dozen; 2 to 2½ feet, very stocky, $2.75 per dozen; $18.00 per 100. Cash with order, please. Address all orders to
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Dracaena indivisa, 3-in., $10.00, 3½-in., $15.00; extra fine, 4-in., $25.00, 5-in., $35.00 to $50.00 per 100.
Greene & Underhill, Watertown, N. Y.

Dracaena indivisa, strong, 5 and 6-in. pots, $3.00 per doz. Cash. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Dracaena indivisa, 3½-inch pots, $7.00 per 100; 4½-inch, $12.00 per 100. Jacob Thomann, 312 N. Goodman St., Rochester, N. Y.

D. indivisa, strong, 4-in., doz., $2. D. latifolia, 3-in., doz., $1.
John H. Ley, Good Hope, D. C.

Dracaena indivisa, 5-in., $3.00, 6-in., $4.00 per doz. Carl J. Dane, West Medford, Mass.

Indivisa, 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

ECHEVERIA.

Echeveria Secunda Glauca, $3.00 per 100; $25.00 per 1000. Cash with order. Aug. Wenk, Tannersville, N. Y.

Echeveria, $4.00 per 100.
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The new fern, Nephrolepis Exaltata Gigantea. Has broad leaflets and the longest fronds of all the Nephrolepis. For beauty and grand specimens by far surpasses the famed Boston Fern; fronds of an average plant 9 to 12 feet high and up. Price of nice young plants, 25 cents each; 3 for 50 cents, by mail; $5.00 per 100, by express. Send for price list of plants, bulbs, seed and decorative stock. Soar Bros., Little River, Fla.

A grand lot of maidenhair ferns in 4-in., ready for 5-in. pots, $10 per 100; $95 per 1000. Full grown plants, in 2¼-in., ready for a shift, $4 per 100; $35 per 1000. Fine lot of assorted ferns for jardinieres, all the best varieties in 2¼-in. pots, $4 per 100; $35 per 1000. Cash or C. O. D.
Anderson & Christensen, Short Hills, N. J.

Fern Spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
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Boston Ferns. Small plants, $5.00 per 100; $40.00 per 1000. Large plants, $25.00 to $75.00 per 100. Orders taken for any quantity for June delivery only. John Scott, Keap St., Brooklyn, N. Y.

Nephrolepis Exaltata Bostoniensis, the handsomest decorative plant in cultivation, $5.00 a 100; $40.00 a 1000. Mine is the genuine stock.
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Nephrolepis cordata compacta, pectinata, exaltata, 2½-in., $2.50 per 100. Lygodium scandens, $3.00. Selaginella Emilana, 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Assorted ferns in flats ready for shipment June 1, $2.00 per flat. Assorted ferns, ready for immediate shipment, 2-in. pots, $30.00 per 1000. Bobbink & Atkins, Rutherford, N. J.

BOSTON FERNS—a specialty. Cut from bench at from $5.00 per 100; $40.00 per 1000, to 50c each.
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Nephrolepis Philippense and Bostoniensis, 4-in., $1 a dozen. Pteris Deweyana, new, 3-in., $1 a dozen. John H. Ley, Good Hope, D. C.

1000 true maidenhair ferns and 500 Lygodium scandens, climbing fern, 2½-in., $4.00 per 100. Morris Floral Co., Morris, Ill.

Boston Fern, in 6-inch pots, $6.00 per doz. Cash. Samuel V. Smith, 59 Goodman St., Rising Sun, Philadelphia, Pa.

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Nephrolepis cordata compacta, fine plants from bench, $2.00 per 100. Cash with order.
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Large sword ferns, fine, $3 per 100; $15 per 1000. Reasoner Bros., Oneco, Fla.

Boston Fern, $5.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Sword fern, compacta, 2½-in., $4.00 per 100.
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Boston Ferns, in 5-in. pots.
Geo. A. Kuhl, Pekin, Ill.

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Feverfew, Little Gem, 3-in., $3.75 per 100.
Geo. L. Miller, Newark, Ohio.

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Ficus elastica, rubber plant, from top cuttings, 12 inches high, 25c each; $3.00 per doz.
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Elastica, 2½-in., doz., $3; per 100 $20.
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Forgetmenot, winter flowering, 2¼ and 2½-in., $2.00 per 100. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Strong clumps of Victoria Forget-me-nots, ready for 4-in. pots, $4.00 per 100.
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Moore's Early Grapes (genuine). Bearing vines, 2 yrs. trans., $2.00 per 100.
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In variety, 4-inch pots. The selection of sorts to remain with us. Price, $5.00 per 100. Packing free. Cash please.
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All the best varieties, double and single, 2½-in., $1.50 per 100.
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Fuchsias, mixed, 2½-inch, $1.50 per 100. Rooted cuttings, 75c per 100. W. H. Parsil, Summit, N. J.

Fuchsias, rooted cuttings, 10 choicest varieties, $1.00 per 100; 2-in., $2.00 per 100.
South Side Floral Co., Springfield, Ill.

Fuchsias, 2¼-in., $4.00, 3-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

GERANIUMS.

In 4-inch pots, in bud and in bloom, composed of the following varieties: Beaute Poitevine, La Favorite, Marguerite De Lyas, Ruy Blas, Van Dale, E. G. Hill, Jas. Garr, Mrs. F. Perkins, Alphonse Riccard, Wilhelm Pfitzer, and several other No. 1 varieties, all in fine condition or no sale, $5.00 per 100. Cash.
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Strong, stocky plants in full bloom.

	Per 12	Per 100
Alphonse Ricard, scarlet	$1.00	$8.00
Mme. Jaulin, peach pink	1.00	8.00
Mme. Buchner and Eulalia, white	1.00	8.00
Beaute Poitevine, salmon	1.00	8.00
Marvel, crimson	1.00	8.00

Phillips & Dodge, Billerica, Mass.

Dbl. Grant, de Tasepede, Gloire de France, Ball of Snow and other equally good varieties, from 2½-inch pots, $2.50 per 100; from 4-in. pots, $8.00 per 100; one-year-old stock plants, $12.00 per 100.
John Reck, Bridgeport, Conn.

1800 Fine Geraniums, from 4-inch pots, in bud and bloom. 750 Mme. Jaulin, 400 Dbl. Grant or Heteranthe, 250 J. Ricard, 200 Mme. Bruant, 200 E. G. Hill, $5.00 a 100. Cash with order. R. Pabst, Rutledge, Del. Co., Pa.

Geraniums, 2½-in., $2.00 per 100. Red, pink and white, 4-in., in bud and bloom, mostly double, best bedding var., $5.00 per 100. Ivy geraniums, 2½-in $2.00 per 100. Cash or C. O. D. C. G. Nanz, Owensboro, Ky.

Geraniums, 2½-in., S. A. Nutt, B. Poitevine, Riccard, Grant and La Favorite, ready for 4-in., $3.50 per 100; 4-in., $6.00 per 100. Cash with order, please. A. Nelson, Notch Road, Paterson, N. J.

Mme. Salleroi Geranium, 3-in., $3.00 per 100. Strong, bushy Heliotrope, Geraniums and Fuchsias, 4-in., $7.00 per 100. Periwinkles, 2-in., $2.50 per 100. Cash with order. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Geraniums, per 100. Mars, 2-in., $6.00, 3-in., $8.00; S. A. Nutt, 2¼-in., $6.00; La Favorite, 3-in., $6.00; Mme. Salleroi, 2-in., $3.00, 2¼-in., $4.00, 3-in., $8.00; Ivy, 2¼-in., $4.00.
Greene & Underhill, Watertown, N. Y.

Geraniums, well established plants, 2½-in. pots, best varieties, double and single. Our selection, $2.50 per 100; $20.00 per 1000. Ivy Geraniums, best double, $2.50 per 100.
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Good varieties, from 4-in. pots, $5.00 a 100. Strictly cash with order. L. I. Neff, Florist, 218 Sixth street, Pittsburg, Pa.

Queen of the West, Bruant, Gen. Grant, extra good, 4-inch pots, $7.00 a 100. Cash. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Geraniums S. A. Nutt, in 4-in. pots, also Bruanti at $7.00 per 100 with or $6.00 per 100 without pots. Crabb & Hunter, Grand Rapids, Mich.

For Decoration Day. 10,000 Red Bruant geraniums, large plants in bloom, 2½-in., $2.00, 3 and 4-in., $4.00 per 100.
C. L. Brunson & Co., Paducah, Ky.

Geraniums, double, single and ivy. All the best sorts. Fine plants from 2 and 2½-in. pots, $2.00 per 100.
Fairview Floral Co., Beatty, Ohio.

Geraniums, strong, 2½-in., choicest varieties in cultivation, true to name, $2.75 per 100; $25.00 per 1000. South Side Floral Co., Springfield, Ill.

Geraniums in 2½ and 3-inch pots, mixed, $2.50 per 100.
Jos. H. Cunningham, Delaware, Ohio.

Geraniums, the best bedding varieties, 4-in., $4.00 per 100; 2½-in., $1.50 per 100.
E. C. Keck, Washington, Iowa.

Only the best standard varieties, 2½-in. pots, $2.50 per 100; $20.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

Geraniums. Exquisite, Bismarck, $2.50 per 100; $25.00 per 1000.
Jos. Laihr & Sons, Springfield, O.

Geraniums, 30 finest bedding varieties in bud and bloom, 3½-in., $6.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Geraniums, 5000 in 3 and 4-in., red, pink, white, salmon and mixed.
Geo. A. Kuhl, Pekin, Ill.

Mme. Salleroi geraniums, strong 2½-in., $2.50 per 100. J. B. Shurtleff, Jr., Revere, Mass.

Pink Beauty, 3-in. pots, $3.50 a 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

5,000 geraniums, mixed, 2¼-in., $2.00 per 100.
Morris Floral Co., Morris, Ill.

Apple geraniums, 2½-in., strong, 3c.
H. Steinmetz, Raleigh, N. C.

Mme. Salleroi, strong, 2¼-in., $2.50 per 100.
J. M. Smely, Aurora, Ill.

GREVILLEA.

Robusta, 2½-in., $2.50 per 100.
The Good & Reese Co., Springfield, O.

If you read these advs. others would read yours.

HARDY PINKS.

The following varieties of hardy "Sweet May" pinks, strong 2-in. pot plants: Abbottsford, Alba Fimbriata, Attractive, Her Majesty, Juliette, Old Fashioned, New Mound, $2.50 per 100; $20.00 per 1000.
The Calla Greenhouses, Calla, Ohio.

2,000 grass pinks, 3-in., $3.00 per 100.
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HARDY PLANTS.

Phlox. Very fine, $4.00 per 100; our selection, $3.00 per 100. Mme. P. Langier, Terre Neuve, Hector, Jules Juoy, J. H. Slocum, Queen, Bouquet Fleure, Jean de Arc, Premier Minister, Aurora Borealis, Richard Wallace, Alceste, Epopee, White Swan. The Elizabeth Nursery Co., Elizabeth, N. J.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

New Deutzia Lemoinei, 2½-inch pots, $3.00 per 100. Spiraea Anthony Waterer, 2½-inch pots, $2.00 per 100. Jacob Thomann, 312 N. Goodman St., Rochester, N. Y.

Yucca Aloifolia. Very strong plants, 4 years old, nice for vases and lawns, $20.00 per 100; $3.00 per doz. Cash with order. August Wenk, Tannersville, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Hardy phlox, choice assortment, 2½-in., $3 per 100. Rhododendrons, 2 colors, crimson and pink, each, 75c.; doz., $7.00.
The Good & Reese Co., Springfield, O.

Perennial Phlox, in variety, rooted cuttings, by mail, $1.00 per 100. Strong 2-in., $2.00 per 100. Cash or C. O. D.
C. G. Nanz, Owensboro, Ky.

Arbor-Vitae, 3 to 4 ft. and 2½ to 3 ft. California privet, 2 years. Oak Park Nurseries, M. F. Tiger, Patchogue, N. Y.

Rudbeckia, fine, strong plants, 3-in., $3.00 per 100. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Rhododendrons, assorted, 2-ft. plants, at 40c. Azalea pontica at 50c. Mollis at 30c.
W. & T. Smith Co., Geneva, N. Y.

Arundo Donax variegata,, 5c. Eulalias, three varieties, 3c.
H. Steinmetz, Raleigh, N. C.

Sweet Williams, from frames, $3.00 per 100.
E. & C. Woodman, Danvers, Mass.

HELIOTROPE.

12 varieties, 2-in. pots, $2 per 100. Cash.
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In 4-in. pots. Geo. A. Kuhl, Pekin, Ill.

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Ten leading sorts, 2½-in., $2.00 per 100.
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Otaksa, Hortensis, Monstrosa, Thos. Hogg, 2½-in., $2.50 per 100.
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200 fine Otaksa in bud and bloom. 5, 6 and 7-in. pots, $25.00 per 100.
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Otaksa, Thos. Hogg, Red Stem, 4-in. pots, 12c each. W. & T. Smith Co., Geneva, N. Y.

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English Ivy, 2-in., $3.00 per 100. Cash. Henry Engler, 4651 Lancaster Ave., Phila., Pa.

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Leading sorts, 2½-in., $2.00 per 100. Weeping lantana, per 100, $1.50.
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Lobelia, 2¼-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

MOONVINES.

Moonvines, from 2½-in. pots, $2.50 per 100.
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Moonvines, blue, $3.00 per 100.
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Moonvines, white, $1.00 per 100.
J. E. Jackson, Gainesville, Ga.

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Double pink, yellow and white, 2½-in., $4 per 100.
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ORANGES.

Otaheite, 2½-in., $2; 3-inch, $4 per 100.
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Orchids! To be closed out at once. The Koffman Collection, Walden, N. Y. Well established, prolific bearing Cypridedium, in perfect condition, will be sold by the hundred or thousand growths. Choice specimens, also a few rare Dendrobium and Coelogynes. J. B. Bloomingdale, 78 Fifth Ave., New York.

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Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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	Each.
8-in. pot (3 plants), 26 to 30 in. high	$ 2.00
8-in. pot (3 plants), very bushy, 30 to 36 in. high	2.50
14-in. pot (3 plants) very bushy, 7 to 8 ft.	20.00

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	Doz.	100.
3-in. pots, 4-5 lvs, 10-12 in. high	$ 3.00	$ 25.00
4-in. pots, 5-6 lvs, 15-18 in. high	6.00	50.00
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LATANIA BORBONICA.

	Each.
10-in. pot, 9 to 10 lvs, 30 to 36 in. high by 42 in. wide	$4.00

JOSEPH HEACOCK, WYNCOTE, PA.

REDUCED PRICES ON LATANIA BORBONICA.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.
4	15-18	4-5	.16	1.50	13.00
5	18-20	5-6	.40	3.50	32.00
6	20-22	5-6	.55	5.00	46.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
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Per 100: Latania borbonica, 2½-in., $4.00; 3-in., $8.00. Phoenix reclinata, 3-in., $8.00; Phoenix canariensis, 2½-in., $3.50. Areca lutescens, 2½-in., $4.00. Washingtonia filifera, 2½-in., $1.50. Livistona rotundifolia, 3-in., $2.00 a dozen. Aspidistra lurida, 2½-in., $4.00 per 100. The Good & Reese Co., Springfield, O.

10,000 excellent, stocky 4-in. latanias, ready for shifting, $20.00 per 100; $190.00 per 1000. Walter Retzer & Co., successors to Albert Fuchs, 2045-59 Clarendon Ave., Chicago.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
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Pandanus Veitchii, cool grown, handsome plants, 7-in. pots, $1.50 each.
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Pandanus utilis, 3-inch, $1 a dozen. Veitchii, fine color, 3-inch, $3 a dozen.
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Latania borbonica, fresh seeds, $1.50 per 1000, by express; $2.00 per 1000, by mail.
Reasoner Bros., Oneco, Fla.

Washingtonia filifera, 2¼-in., $4.00 per 100.
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Pansies. Small plants all sold; none but flowering plants from field at $2.00 per 100 and up. C. Soltau & Co., 199 Grant ave., Jersey City, N. J.

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PETUNIAS.

Petunias, choice selection of double fringed, 2-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

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Chinese, obconica grandiflora and rosea, Forbesi, ready July 1, $2.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

2½-in., per 100: Chinese and obconica, $2.50; Forbesii (Baby), $2.00.
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The following varieties at $2.00 per 100; $17.50 per 1000; 25 at hundred rate, 100 at thousand rate; 30 cents a dozen: Augustine Haiem, Aline Sisley, Antoine Verdier, Adam, Anna Olivier, Archduke Charles, America, Alister Stella Gray, Bertha Clavel,, Bridesmaid, Bougere, Baltimore Belle, Bennett's Seedling, Caroline Marinesse, Christine de Noue, Climbing la France, Crown Prin's Victoria, Clothilde Soupert, Catherine Mermet, Comtesse de Frigneuse, Cornelia Cook, Chas. Legrady, Claire Carnot, Coquette de Lyon, Comtesse Riza du Parc, Duchess of Albany, Devoniensis, Dr. Grill, Duchess de Brabant, Empress Eugenie, Empress of China, Enchantress, Etoile de Lyon, Golden Gate, General Tartas, General R. E. Lee, Golden Chain, Henry M. Stanley, Helen Cambier, Isabella Sprunt, Joseph Metral, Jule Finger, La France, Letty Coles, La Princess Vera, Louis Phillippe, Louis Richard, Mde. de Wattville, Mde. Hoste, Mde. Lambard, Mde. Pernet Ducher, Mde. Welche, Mde. Abel de Chateney, Mde. Eli Lambert, Mde. Schwaller, Mde. Scipion Cochet, Mde. Caroline Kuster, Mde. Margottin, Mde. Pauline Labonte, Mde. Jure, Mde. de St. Joseph, Md'lle C. Berthod, Md'lle F. Kruger, Marie Van Houtte, Meteor, Media, Maman Cochet, Muriel Graham, Marie Guillott, Maurice Rouvier, Marechal Robert, Monsieur Furtado, Marie Ducher, Mosella, Marechal Niel, Perle des Jardins, Princess Venosa, Pink Rambler, Ophelia, Queens Scarlet, Reine O. de Wurtemburg, Mrs. Robert Garrett, Royal Cluster, Reine Marie Henrietta, Safrano, Souv. d'un Ami, Snowflake, Sombreuil, Souv. de le Maimaison, Souv. de Pres. Carnot, Souv. de C. Guillott, Souv. de Mme. Eugene Verdier, Striped La France, The Queen, The Bride, Trl. de Pernet Pere, Viscountess Wautier, White Daily, White Rambler, White La France, W. A. Richardson, Yellow Rambler.

Newer Roses—The following at 60 cents per dozen, $4.00 per 100: Bardou Job, Climbing Paul Neyron, Ferdinand Jamain, Helene (The new Rambler), Mrs. Robert Peary (or Climbing Kaiserin), Maid of Honor. At $1.50 per dozen: Admiral Dewey. At $1.00 per dozen, $7.00 per 100; Baldwin. At 75 cts. per dozen, $4.00 per 100; Climbing Bridesmaid,

Manda's Evergreen Memorial roses. The following at 75 cts. per dozen, $5.00 per 100: Jersey Beauty, Gardenia, Evergreen Gem.

Memorial or Wichuraiana roses. The following at 40 cts. a doz., $2.50 per 100, $20.00 per 1000: Manda's Triumph, Universal Favorite, South Orange Perfection, Pink Roamer, Mrs. Lovett, Rosa Wichuraiana.

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I have the following surplus roses in strong plants, from 2½-in. pots, in fine, healthy condition: Archduke Charles, Agrippina, Bon Silene, Bride, Beauty of Stapleford, Bridesmaid, Climbing Perle, Clara Watson, Christine de Noue, Catherine Mermet, Devoniensis, Enchantress, Ernest Metz, Francois Kruger, Gen. Lee, Golden Gate, Henry M. Stanley, Hermosa, Kaiserin Augusta Victoria, La Princess Vera, Mme. Camille, Mme. Margottin, Mme. Lombard, Marie Guillot, Marie Van Houtte, Maid of Honor. M. Niel, Mozella, Mme. de Chateney, Princess de Sagan, Pink Soupert, Valle de Chamonix, Snowflake, Yellow Rambler.

Price, $2.25 per 100; $20.00 per 1000. For cash.
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SPECIAL OFFER. 15,000 Meteor rose plants in 2½-in. pots. Wishing to clean out our rose plants so as to make room for planting we offer them at $20.00 per 1000. Also a few Maids, Brides and Perles, 2½-in., at $25.00 per 1000 and 1500 each Brides and Maids and 300 Perles, in 3-in., at $4.00 per 100 and 1500 Beauties, 3-in., $7.00 per 100. This stock is A No. 1 in every respect.

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Bridesmaids, Brides and Perles, 2-½-in., $3.50 per 100; $30.00 per 1000. Same varieties in 3-in., $5.00 per 100; $45.00 per 1000. Good stock, satisfaction guaranteed.

Will want 2000 good, clean 2½-in. Beauty stock. Send sample.

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Healthy roses in perfect condition. Brides and Bridesmaids, per 100, $3.50; per 1000, $30.00. From 2½-inch pots, 500 at 1000 rates. Cash with order.

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Roses from 2½-in. pots, Golden Gate, Muriel Graham, Mme. Abel Chatenay, La France, Mrs. Robt. Garrett, Bride, Queen, Marie Lambert, $2.50 per 100; $20.00 per 1000. John A. Doyle Co., Springfield, Ohio.

Brides, Maids, Meteors and Perles, 2½-in., $3.00 per 100. Kaiserin and Golden Gate, 2½-in., $4.00. Guaranteed satisfactory in every respect.

South Side Floral Co., Springfield, Ill.

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500 Wichuraiana memorial rose, fine plants in 3s. Will exchange all or part for palms, Pandanus utilis or Veitchii, araucaria excelsa, or tea roses. Send in your offer.

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Roses. Extra strong stock, from 2½-in. pots. Splendid assortment of hardy sorts. Send for price list.

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Am. Beauties, Brides, Maids, Perles, Kaiserins, Woottons, Siebrecht, Golden Gate, La France. Send 50c or $1.00 for samples and prices to Geo. A. Kuhl, Pekin, Ill.

Roses. 3 and 3½-inch pots, $5.00 per 100; $45.00 per 1000. Bride and Bridesmaid, extra strong plants. Rhode Island Greenhouses, Pawtucket, R. I.

2000 first class Brides and Maids in 3-inch pots at $4.00 per 100; $35.00 per 1000. Grown for our own planting.

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Roses. 1000 Brides, 3-inch pots; 500 Bridesmaids, 3-inch pots. Strong, clean plants, well grown, $4.00 per 100. Cash with order.

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Extra Strong Meteors, from 2½-in. pots, $2.50 per 100; $20.00 per 1000. The Floral Exchange, Inc., Edgely, Bucks Co., Pa.

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Surplus roses. Cheap to close out. Kaiserin, Bride, Maid, Morgan, Carnot.

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Grafted Kaiserin and Carnot for summer blooming, elegant stock ready to plant.

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A fine healthy lot of Meteors in 2-in. pots, ready for shift, $2.50 per 100.

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Strong stock. 100 grafted Maids, 3-in., 10c. 300 grafted Brides, 3½-in., 12c. Cash.

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Hardy roses in great variety.

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Manetti stocks for fall delivery.

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Splendens, from 4-in. pots, $6.50 per 100, packing included. D. Landreth & Sons, 1001 Market st., Philadelphia, Pa.

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New Primula Sinensis Fimbriata. Pure white, rose, blood-red crimson. 100, 25c; 1000, $1.75. Coerulea, True Blue. 100, 30c; 1000, $2; Dbl. Primula, in above colors, 100, $1.

Cineraria Grandiflora Hybrids, in most brilliant coloring. Packet about 500 seeds, 25 cts. Hybrida Nana, packet about 500 seeds, 25 cts.

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Pansies. We guarantee our seed to be saved from finest sorts Prize Blooms, in separate colors, pure white, light and dark blue, red, bronze, pure yellow, black and gold, black, purple, auricula florae. 1000 seeds, 25c; 5000, $1.00. Mixed, 1000 seeds, 25c; 5000, $1.00. Bugnot, Cassier, Odier, Trimardeau, Kaiser Wilhelm, Kaiser Frederick, Gold Else, Snow Queen, Victoria, Peacock, Lord Beaconsfield, Black Prince. 1000 seeds, 30c; 5000, $1.25.

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California Onion Seed. We have a limited supply left of crop 1899. Yellow Strasburg, "Imperial Strain," Yellow Globe Danvers, "Imperial Strain," which we offer at 85c per lb., including delivery, by mail or express, to any part of the United States. Sets or full grown onions raised from California seed keep better than stock produced from seed grown elsewhere, because California onion seed is the best and healthiest seed in the world. All experienced gardeners know this and won't plant any other. Johnson & Musser Seed Co., 113 North Main St., Los Angeles, Cal.

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Primula sinensis from best European growers. All the leading varieties in separate colors or mixed. Trade pkt. (250 seeds), 50c; double, red, white or separate, 50c. Cineraria or Calceolaria, 50c. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

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Seasonable seeds. Primula, Pansy, Verbena, Daisy, Sweet Pea, Nasturtium and all spring seeds for florists. Write for our new list.

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Wholesale price list for florists and market gardeners.

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Special seeds for the florist and gardener. Send for wholesale catalogue.

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String your Smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, strong seedlings, 50c per 100; $4.00 per 1000 by mail. Extra strong 2-in., $1.25 per 100; $10.00 per 1000.

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From flats, 50c per 100; 2-in. pots, $1.50 per 100. Cash with order.

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Smilax, strong, 2-in. plants ready for a shift, 75c per 100 if taken at once. 500 for $3.00.

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Smilax,, 2½-in., $1.50 per 100.

The Good & Reese Co., Springfield, O.

Smilax from 2-in. pots, $1.25 per 100.

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Smilax seedlings, 50c per 100; $4.00 per 1000.

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Vegetable Plants transplanted; Cabbage, Wakefield, 40c. per 100. Tomato, Henderson's Crimson Cushion, Ponderosa, Maule's Enormous Matchless, Acme and other varieties, 65c. per 100. Wm. Clark, Successor to Clark & Palmer, Batavia, Ill.

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Verbenas, 60 choice varieties in bud and bloom. 2½-in., $2.50 per 100; $20.00 per 1000; 3-in., $3.50 per 100.
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The 20th Century verbenas, strong 2-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

VERBENAS, 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

2000 verbenas, named, 2¼-in., $1.00 per 100.
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Greene & Underhill, Watertown, N. Y.

Vincas var., 4-in., 3-in. and 2¼-in., $6.00, $4.00 and $2.50 per 100. Cash.
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Vinca major, for vases, strong, $6.00 per 100.
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Vincas, in 3 and 4-in. pots.
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Grow the best violets. From southern France. Stem from 10 to 14 inches long, bloom larger than the California. Begins blooming in Oct. and bears continuously until May. Never off crop; foliage large and never rusts; stands dust and the hot sun. $3.00 per 100; $25.00 per 1000. A. A. Harper, 1724 East 6th ave., Pine Bluff, Ark.

We still have a few thousand Marie Louise violet clumps but want to clear them out. We offer them at $4.00 per 100 and they are just as good as the ones we sold at $6.00. We guarantee to ship only healthy stock, for which we are known. Monticello Greenhouse Co., Monticello, N. Y.

Orders booked now for Marie Louise violet cuttings. 20,000 clean, healthy, sand rooted cuttings ready June 20, $15.00 per 1000. Also clumps of Marie Louise, clean and full of well rooted runners, $4.00 per 100. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

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Marie Louise, 3-inch pots, $2.50 per 100.
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The following out of 2½-in. pots, unless otherwise specified, per 100: Lemon verbena, $1.50; Achania malvaviscus, $1.50; Apple Geranium, $2.50; Ampelopsis Veitchii, $2.50; Agathea coelestis, $2.00; Anemone Whirlwind, $2.00; Antigonon leptopus, $2.50; Amaryllis equestre, $5.00; Blue spirea, $2.50; Cestrum (night blooming jasmine), $2.00; Cryptomeria japonica, $2.50; Campylobatrys regia, $2.50; Carex japonica variegata, $2.00; Genista canariensis, $2.00; Honeysuckles (Chinese evergreen, Red Coral, Halliana and Golden Leaved), $2.00; Impatiens Suitani, $2.50; Jasmines gracillimum and grandiflora, $2.50; Jasmine Grand Duke, $3.00; Justicia (2 kinds), $2.00; Laurestinus, $3.50; Lemon of Sicily, $2.50; Linum trigynum, $2.00; Matrimony vine, $2.00; Meyenia erecta (white and blue), $2.00; Mahernia odorata, $2.00; Myrtus communis, $2.50; Nierembergia, $2.00; Pomegranates, $2.00; Plumbago, Larpent and sanguinea, $2.50; Passiflora Constance Elliott, $2.50; Rhyncospermum jasminoides, $2.50; Russellia Juncea, $2.50; Stapelia, $2.00; swainsona, pink and white, $2.00; Strobilanthes, $2.00; Sanseviera zeylanica, $2.00.
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PURE BONE MEAL. The best known fertilizer for plant culture. Our brand is guaranteed free from acids or other elements of a destructive nature if used with discretion. 50 lbs., $1.25; 100 lbs., $2.25; 200 lbs., $4.00; 1000 lbs., $16.50; 2000 lbs., $27.50.

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PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

FERTILIZERS—Continued.

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Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or carload.
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Krick's Florists' Immortelle Letters are the best 2-in. letters, $2.50 per 100. 15c extra by mail. For other styles of letters, designs and emblems write for catalogue. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.
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Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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The Kinney Pump. For applying liquid manure it has no equal. Sent prepaid for $2.50. Without spraying valve, $2.00. Address The Hose Connection Co., Kingston, R. I.

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Ten bales, $7.50.
Write for prices on large quantities.
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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
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$1.00 for 5 bbl. bale, fresh and clean.
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TAXING FLORISTS.

(Continued from last week.)

I find from enquiry of our assessors, of which we have five at $3,500 each, and all they can make besides, that first they value the land and then the greenhouses as improvements, but they are easy on the greenhouses. They would not make any difference whether your houses were filled with Zygopetalum Mackayii or Lysimachia nummularia. I don't remember an assessor ever looking into the place except to ask you to come out and have a cigar or leave an order for flowers for a dead assessor. And being sensible assessors they know that greenhouses are of no value to move or dispose of.

When we get the sensible Henry George theory adopted there will be no nonsense about taxing people for their industry. The Georgian system is not yet well understood; like other great reforms always were, it is yet in the great minority, but land only is what should pay taxes for municipal government and incomes for federal needs. Our assessment this year is about $18.00 per thousand of valuation. Some get off cheap and some get it in the neck. WM SCOTT.

Buffalo, N. Y.

ORANGE, N. J.

Orange, N. J.—On May 18 five thousand chrysanthemums and 1,000 salvia plants were distributed to as many school children in the Oranges and Montclair by the New Jersey Floricultural Society, which has been arranging for the distribution for several months. The children who received plants were also given a pamphlet just published by the society on the care of chrysanthemums, and suggestions for the beautifying of city door yards. In the book is found a statement to the effect that three cash prizes and a number of certificates of honor will be awarded by the society at its fall exhibition for the best chrysanthemums grown from the plants distributed.

NEW HARTFORD, N. Y.—Fire destroyed Mr. E. T. McQuivey's barn last week and did considerable damage to one of his greenhouses. Some damage was also done to the contents of several other houses, and only by prompt work was a calamity averted. The fire was believed to be of incendiary origin.

MILWAUKEE.

Decoration Day trade was in every sense a corker. The supply was about equal to the demand. Orders were placed early in many instances, especially on carnations and preparations were made for a large supply. The call was mostly for common stock and good seconds in roses went almost in preference to the high priced grades. Fewer kicks are registered for this holiday than any other. As long as the price goes with the quality the stock usually answers its purpose. Out-door valley was plentiful. Jasmine was but little called for due to sufficient supply of white carnations. In plants, good stock in sizes ready to set out was scarce. Blooming geraniums were scarce and prices stiffened up considerably. Owing to the cold spring much of the spring stock is considerably behind, but it is expected the demand will continue and clean up the bulk of the stock. GEO. W.

POST CHECKS.

The bill before Congress to establish "Post Check" currency seems to be a move in the right direction. Briefly stated, the proposition is to have the government print its paper money in the form of a blank check which shall pass from hand to hand as our present currency does while blank, but may at any time be turned into a check payable only to some certain individual or firm by filling out the blank. It is then a check on the national treasury, and when used is retired by the government and a new one issued in its place.

This is to be supplemented by fractional paper currency that may be used in the same way. The plan certainly has the merit of simplicity and would greatly facilitate the ordering of goods through the mails.

ALL WORK AND NO PAY.

Everybody on Walnut Hill knows "Unc' Rube," an old colored man, who has earned his living for the past twenty years cutting lawns, clipping hedges, trimming trees and laying sod. "Unc' Rube" is an ancient colored individual, and the story of how he branched forth as a contractor last summer and how he suddenly decided to perform all labor by himself after a day's experience "bossin' de job" is best told by L. C. Hamer, the well-known real estate man.

"Unc' Rube" had saved up some money, which he invested in two brand-new lawn mowers, some rakes, a scythe and a couple of sickles, and determined to let others do the labor while he collected the coin. He notified a couple of small colored boys that they could obtain work if they wanted it, and an hour or so later the boys stated they had secured a job cutting the grass on Mr. Hamer's lawn, on Kemper lane. As it happened, the boys did not start early at the work and darkness fell and found them with but a small patch of clipped grass to their credit. A knock at the door brought Mr. Hamer, who was confronted by one of the boys, who explained:

"Please, sah, we all cyan't finish de gress until mawnin'!"

"All right," answered Mr. Hamer. "Come around and complete the job to-morrow."

"But, please, sah!" murmurred the boy, "kin yo' all gib us de money foh de job dis ebenin'? Mammy's sick an' dey ain't nothin' to eat in de house."

"All right," said Hamer, producing the price, 75 cents. "Just leave your lawn mower and rakes here so that I will know you mean to come back. I'll lock them up in the wood shed, where they will be safe."

The boys agreed with surprising alacrity, pocketed the money and left.

Late the next afternoon "Unc' Rube" arrived boiling over with rage. The boys had no sick mother and had spent the money and were carefully keeping out of the aged darky's way. And "Unc' Rube" was forced to cut the remainder of the grass to secure his mower, which he did with an exceeding bad grace, muttering:

"'Clare to goodness, don't know what dis wor' am comin' to! 'Unc' Rube' doin' de wuk an' dem boys shootin' crap wid de money!"—Cincinnati Enquirer.

IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.

THEY LIKE THE REVIEW.

You have made a splendid paper of The Review. JAMES MORTON.
Clarksville, Tenn.

I would not be without The Review at any price. C. F. W. GENTEMANN.
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Am always pleased with with The Review.
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Am always pleased with the paper. The classified advs. are a great convenience.
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Lyndbrook, N. Y.

The Review is O. K. We especially like the alphabetical advs., which is a very handy thing for a busy florist. H. D. CALDWELL.
Paris, Ill.

The Review is up-to-date. R. MEARNS.
Toronto, Ont.

The Florists' Review is a good, number one paper, and we wish you the success you certainly deserve. J. H. WADE & CO.
Evansville, Ind.

The classified plant advertisements in your paper are well worth the price of the subscription, for one has not got to hunt the paper through to find just what he wants. Then one has that extra time saved to read the good things in the first half of the paper. I wish you the best of success for the coming year. M. S. WORDEN.
North Adams, Mass.

The paper has been in many instances a great help to us in our business and we would not be without it. We wish you abundant success. BOEHRINGER BROS.
Bay City, Mich.

I am very much pleased with The Review, and I wish you every success with it.
FRED C. WEBER.
St. Louis, Mo.

I could not get along without the paper, as it contains so much valuable advice and hints.
GEO. DOBBS.
Auburn, N. Y.

I think The Review is keeping its place well in front. And it has my sympathy, as any other would have that breaks away from monopolists' lines. JOHN B. FERGUSON.
Pittsburg, Pa.

Enclosed find one dollar to renew my subscription to The Florists' Review, the best of the trade papers. JAMES COX.
Bridgeport, O.

I cannot keep house without it.
F. W. FELTEN.
Swope, Mo.

I think your paper the best connected with the trade, and would not do without it.
W. SCOTT.
St. Paul, Minn.

I am extremely well pleased with The Review. The make-up of each issue is as near perfect as can be. The classified ads have been a great help to me (and to many others, I presume) in buying stock. N. H. PADGETT.
Unadilla, N. Y.

I wish The Review the fullest success, which it so thoroughly deserves. JESSE ROBBINS.
Carlisle, Pa.

May you prosper in the future as in the past, and may all of us live many years to Review it. F. J. FILLMORE.
St. Louis, Mo.

I have been well pleased with your paper.
HENRY ELBERS.
Buffalo, N. Y.

Am well pleased with The Review and find it a great help in many ways.
FRED'K A. TAYLOR.
Canastota, N. Y.

My best wishes are with The Review.
ARCHIBALD DESPEAUX.
Milwaukee, Wis.

Your paper is the best of the three. The classified plant advs. are awfully handy and are alone worth the price of subscription.
GUST. B. STEINHAUSER.
Philadelphia.

The best paper for the trade.
JOHN J. KELLEY.
Valley Falls, R. I.

I am so well pleased with The Review that I feel we cannot get along without it. I wish you the best of success, which you thoroughly deserve. JAS. GELVEN.
Sedalia, Mo.

The Review is ALL RIGHT.
WM. J. WERT.
Parsons, Kan.

Would be sorry not to get The Review, as it is a great help to anyone in our line, and many of the articles are worth more than the subscription. WM. PENNEY.
Quebec.

I would as soon think of getting along without The Review as I would of getting along without a boiler to heat my greenhouses. I read it with a great deal of pleasure and profit. T. D. BROWN.
Adams, Mass.

Your paper is all right, and is always a welcome visitor to our table.
BEACH & CHESSMAN.
Richmond, Ind.

I find your paper a great advantage to me in a business way. H. D. TURNBULL.
Carbondale, Pa.

I consider The Review indispensable in my business. Simply could not do without it.
W. C. SCOVELL.
Malta, O.

I am much pleased with the Review.
EVELYN B. TAYLOR.
Milford, Mass.

The Review is all right.
L. HEINL.
Terre Haute, Ind.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL
FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.



HITCHINGS & CO.
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GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue And Ventilating Apparatus

Following are a few sample pages (not consecutive) of

THE FLORISTS' MANUAL.

By WILLIAM SCOTT.

The book contains over 200 pages more in same style, handsomely bound. It is a whole library in itself and is a complete Reference Book for Commercial Florists.....

Price, $5.00
Delivered.

PUBLISHED BY THE FLORISTS' PUBLISHING COMPANY, CAXTON BLDG., CHICAGO.

ABUTILON.

Greenhouse shrubs with drooping, bell-shaped flowers, ranging in color from pure white to crimson and purple, mostly erect in growth. A few of the species will endure a few degrees of frost, but they are best treated as cool greenhouse plants during our winters. The hybrids now both in beauty of leaf and flower far surpass the true species. They are largely used in sub-tropical flower gardening, growing very freely in our warm summers and are fine ornamental plants for the conservatory, and can either be grown as specimen plants in pots or trained to pillars or rafters. As a commercial plant, except for flower gardening, they are not of great value, being strong growers and occupying too much room for their value.

They are easiest propagated from the young tender growths. If desirable to increase your stock in the fall, September is the best month, keeping the sand very moist and not allowing the cuttings to wilt from the heat or sun. The plants lift from the open ground perfectly in October and if cut back during the winter will give you lots of cuttings which root most easily in the ordinary propagating bed.

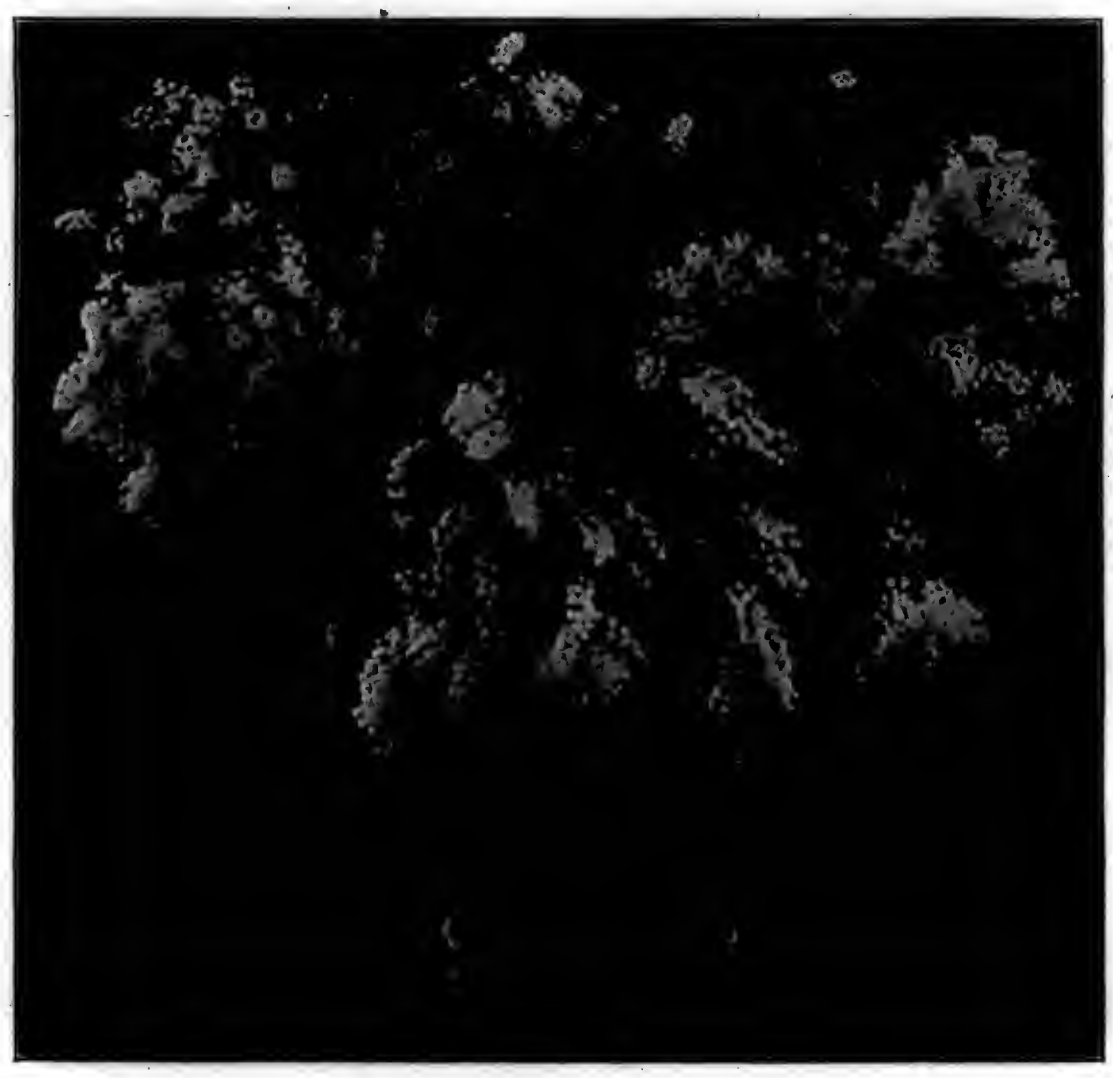
A. vexillarium is a drooping species and used largely in hanging baskets, veranda boxes and carpet bedding. For a drooping plant for a vase they should be propagated in September from the young shoots of plants growing outside. By spring these should be in 3-in. pots and are most useful for the purpose described.

Abutilons are troubled with few enemies. The hose will keep down mealy bug, and aphis seldom appear. Any soil that water passes freely through will grow abutilons, but much manure should be avoided, as most of the kinds are very free growers. The following varieties are fine decorative plants: Savitzii, green and white foliage; Mrs. J. Laing, strong grower, flowers bright rose; Souvenir de Bonn, variegated foliage, orange flowers; Infanta Eulalie, compact grower for pots, flowers pink; Boule de Niege, pure white; Thompsoni plena, free blooming double orange.

ACACIA.

A very large genus of shrubs or trees. Those of most commercial value are from temperate regions, South Australia and New South Wales. Some of the species, armata, for instance, make neat, compact plants for pot culture, while pubescens, one of the most graceful of all, is splendidly adapted for training on a pillar or wall of a light, cool house. A temperature of 45 degrees in winter will suit the commercial species, but their flowering can be hastened several weeks by more heat and at all times an abundance of water. They are most free flowering and the prevailing colors are lemon and yellow. In a temperature of 45 to 50 degrees most of the species flower from February to May. A good loam with a fourth of leaf-mould or in the absence of the latter, Jadoo, will grow any of the acacias, but the soil should always be in that condition from proper drainage that water passes freely through it.

They are propagated from the half ripened wood in May or June, that is, the shoots made the previous spring. Place the cuttings in pans of sand or leaf-mould and sand and place the pans in a cold-frame, which shade on hot days and keep close till growth begins. When rooted, pot off and grow



Acacia Pubescens.

third turfy loam in coarse lumps and one-third chopped sphagnum, to which add some charcoal. Although the roots delight in moisture it must not be stagnant around them, and the pots should be filled within a few inches of the rim with broken crocks. Keep the roots and the potting material well above the edge of the pot and cover the surface of the compost with live sphagnum, in which the young roots thrive. They must be given an abundance of water in summer, but much less in winter. It is not only the water they receive on the surface that benefits them, but they require a humid, warm atmosphere.

The best time to increase your stock of alocasias is in the spring by dividing the stems or rhizomes, which when first taken off and started should have a close, moist and warm temperature and be away from all draughts of air. A Wardian case on the greenhouse bench with some bottom heat is the ideal place.

The leaves are large, from one to two feet in length. All are beautiful, varying in coloring and markings from the well known A. metallica or cuprea, a dark metallic bronze, to A. longiloba, green with silvery markings. Among the best species and hybrids are those above mentioned and A. hybrida, A. Jenningsii, A. Johnstonii, A. Sedenii, A. Thibautiana, A. variegata, and many others, all beautiful plants for the private collection.

ALOYSIA CITRIODORA.

This universally liked plant is commercially known the world over as Lemon Verbena. It is classed as a deciduous shrub and is the sole representative of the genus. Where hardy I doubt whether it is quite deciduous. It makes a fine plant when planted against the wall or pillar in the greenhouse, but it is as a sweet scented plant for our gardens that we most prize it, and every mixed border, and every garden large or small has one or more. The florist finds this a most useful plant for cutting in the summer time, for what can be more welcome in a bunch of flowers than a few sprays of the sweet Lemon Verbena.

Don't sell out clean in the spring. Save a dozen plants and shift them on, plunging them outside in pots in summer. At the approach of frost bring them in and stand them under your lightest and coolest bench and give them only water enough to keep the wood from shrivelling. In early February we shake them out, shorten back the unripened and weak wood and start them going again in fresh soil and pots, with us a 4-inch. Placed in a temperature of 55 degrees, in a few weeks they are covered with young growths which are just the thing for cuttings. They root easily but not nearly so surely as many of the soft-wooded plants. I prefer the sand to be a little warmer than the house. Keep the sand well soaked, twice a day is not too often, and never let the cuttings wilt from the sun or dryness.

In April we shift them from a 2-inch to a 3-inch pot and plunge in a mild hot-bed, where by the middle of May, with one pinching, they will have made fine, bushy plants. They want lots of syringing to prevent red spider, and if the proper fumigation is regularly given they will not be troubled with fly. A florist should always be supplied with them for they are usually difficult to procure when wanted.

ALTERNANTHERA.

It seems as though it would have been almost impossible to carry out the wonderful designs in carpet bedding had we not had these little plants to serve us. Carpet bedding came into its greatest popularity shortly after the introduction of the alternanthera, some 30 years ago. It may be that their great fitness for that style of bedding helped to make it popular. Certain it is that alternantheras owe their popularity to carpet bedding. Nothing troubles the alternanthera but cold weather. They are all tropical plants, growing freely in our warm summer months but only just existing in the greenhouse during winter in a temperature of 60 degrees.

They are propagated by divisions or cuttings. In the former method the plants are lifted from the beds after the first slight frost, and after their tops are shortened and trimmed up they are stored away in a few inches of soil in flats. After the first good watering they are best kept rather dry till the following April, when they can be torn to pieces and either potted singly or again planted in flats and started growing in a warm, light house, or what is better, a hot-bed. Where very large quantities are needed the old plants are generally depended upon. Where only a few thousand are needed I prefer the cuttings.

Prepare some flats two inches deep and any convenient size, in which have one inch of light soil and one inch of sand. About the middle of August take off the cuttings from the plants outside and put them thickly in the sand. In a few days in the greenhouse they will be rooted and can be kept on any bench or stood out of doors till cold weather arrives. In the flats they will winter well and are little trouble. Keep them rather dry during the dark days and away from cold and damp. When potted off in April and placed in a hot-bed they make splendid little plants by bedding out time. They root and thrive like the proverbial "weed" if kept warm.

There is no trouble in wintering any of them except the one that is the most valuable, which is known in many places as A. paronychioides major, but which I feel sure is A. paronychioides magnifica, which is much the highest colored of all. In elaborate bedding room is found for most of the cultivated varieties. If you cannot give them a temperature of 60 degrees during winter the next best thing is to give the flats a light, dry position and be sparing of water till the warm days of spring arrive.

The most useful are A. paronychioides magnifica, almost scarlet when well colored, but not such a robust grower as the others; A. versicolor, bright rosy pink and bronze green; A. spathulata, reddish pink and brown shaded with bronze and green; A. amabilis, rose color and orange; A. amoena, orange red and purple; A. tricolor, dark green edge, center of leaf rose striped with purple veins and orange; A. paronychioides aurea nana, the best of the yellow or golden leaved sorts.

In very warm rainy seasons they grow so fast that the beautiful markings of the leaves do not show at their best. They should never be planted in a very rich soil. Their great adaptability for bedding is because they can be sheared to any sharp line and can be kept very dwarf.

AMARANTHUS.

Strong growing tropical annuals having feathery spikes of flowers and highly colored leaves. They are very suitable for the mixed border or for large sub-tropical beds. It is on account of the showy markings of the leaves that they are mostly grown. They should not be planted out till settled warm weather, with us the 1st of June, but they grow very luxuriantly in the warm months. They require deep, rich soil to obtain the best results.

Sow the seed the latter part of March in pans in a warm house and transplant when large enough to handle into flats, placing them two or three inches apart. The moist heat of a hot-bed suits them finely. If extra good plants are required they can be shifted from the flats singly into 3-inch pots, and nowhere will they do so well as in a hot-bed.

A few of the handsomest are: bicolor, foliage green and yellow; hypochondriacus, large spikes of crimson flowers; salicifolius, narrow drooping leaves, orange, carmine and bronze; sanguineus, blood red leaves; tricolor, a very handsome species with carmine and yellow leaves.

AMARYLLIS.

The Belladona Lily is the true amaryllis and the fine plants generally known as amaryllis are really hippeastrums. Several other genera are closely allied and as their cultivation is the same the cultural directions here given will include hippeastrum, crinum and vallota. They are bulbous but not herbaceous although resting partially during winter.

They seed freely and if sown at once and the young plants grown on in a warm house and rested slightly during the winter, will flower the third year. They can also be increased by the offsets from the old bulbs.

If you obtain the dormant bulbs start them in a little bottom heat, keeping the bulb near the surface of the soil. They flower when making

which you have only to cut off and pot.

The rarer species are too expensive for the commercial florist and in too little demand, and the larger species require too much labor and room to be of any profit; they are best left in the hands of the private gardener.

AGERATUM.

Since the wane of the carpet bedding and the return of the popular flowering plants to flower garden favor the ageratum has been in constant demand. A. Mexicanum is the only species in which we are interested. By selection many improvements have been made, a more spreading and dwarf plant has been produced as well as a variation in color. It is well to try the new varieties as they are disseminated as they are very inexpensive and frequently great improvements on existing varieties.

I have found that when propagated by cuttings for a few years a variety will often lose its character and gradually revert back to the original type. If I were asked what was the easiest of all plants to propagate I would say that the ageratum was absolutely the one, and so it is. Nothing but the most willful neglect will cause a batch of cuttings to fail. New varieties are, of course, raised from seed, which can be sown in January and the seedlings will flower freely by the following June.

It is by cuttings that our varieties are perpetuated. Lift a few old plants and pot into 5 or 6-inch pots before frost. Keep them cool and light till after Christmas, when you can begin propagating. It is well, however, not to propagate too early as the plants get stunted when not shifted on and it does not by any means pay to have this cheap bedding plant in larger than 3-inch, or at most 4-inch pots. The cuttings root freely with or without bottom heat and the plants grow rapidly in a temperature of 50 degrees. Their only enemy is red spider, which must be kept down by frequent syringing and the weekly fumigation.

New varieties of both the blue and white are being constantly sent out. The dwarf, compact sorts are the most valuable. The variegated variety of Mexicanum is of little value.

ALLAMANDA.

Few plants bring back childhood's days more vivdly than the showy allamanda. Though not a commercial florist's flower it hardly has a rival as a hot-house climber. The leaves are sharp-pointed, oblong, and come three or four in a whorl. The flowers are funnel shaped, 3 to 5 inches across and rich yellow. Allamandas are usually seen trained near the roof where they do well and add greatly to the beauty of the house. They are also grown as specimens trained to a balloon-shaped or flat wire frame 3 or 4 feet high. In a competition for a number of flowering stove and greenhouse plants in any horticultural exhibition in Europe the allamanda would be sure to be one. The only use the florist could make of the flowers, rich and fine as they are, would be to take sprays of the vine covered with flowers for the decoration of mirrors or chandeliers. For an elaborate golden wedding they would be a glorious acquisition.

Plants covering a large roof space would need a tub, and I have seen them planted in the border at the end of the house. A turfy loam with a sixth of cow manure, adding a tenth of charcoal to the compost, suits them well. They are from Equatorial America, so you will know what they want in temperature. Most of the species flower in June and July, but Schottii, one of the finest, flowers in August and September. They are little troubled by insects of any kind, syringing and fumigating keeping them clean without any trouble. In the spring and summer they want lots of water; in the darker winter months much less. In our hot summers they require shade from the brightest sun, but only enough to keep them from burning. They like the light, which they get in abundance when trained to the roof. In the late winter months, before they begin to grow, they should be pruned back as we do our hot-house grape vines, cutting back the previous year's growth to two or three eyes. If you wish to propagate them the last foot or so of the last year's growth will root easily in our ordinary propagating benches where there is a little bottom heat, making each cutting with two or three eyes. Remember they are from the tropics and should not be exposed to a lower temperature than 60 degrees at any time of the year.

Of the several species and hybrids the following can be selected as the best: A. Chelsonii, yellow, large, flowers in July; A. grandiflora, pale yellow, large, flowers in June; A. nobilis, bright yellow, large, flowers in July; A. Schottii, yellow, throat striped with brown, very free bloomer, the best known and best for all purposes.

ALOCASIA.

These beautiful stove plants are grown entirely for the beauty of their leaves. They delight in our hot summers under glass and must not be allowed to go below 60 degrees in the winter months. They require shade in the bright days of spring and summer, and where the house is heavily shaded they will be greatly benefited by a little fire heat at night. In shaded houses during rainy weather and cold nights, even in summer, there is a dampness and stagnation that is very uncongenial to most plants, and exotics in particular should have a little fire heat.

The compost in which they delight is one-third fibrous peat or Jadoo, one-



Alocasia Metallica.

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
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Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
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It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
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Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
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The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

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Milwaukee, Wis.

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We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Sup't.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.
From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by William Scott, Florists' Publishing Co., Chicago. A reference book for commercial florists.
The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obstrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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G. L. GRANT, EDITOR AND MANAGER.

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COMMENCEMENT DATES.

Mr. D. B. Long, Buffalo, N. Y., sends us samples of some new advertising pamphlets for retail florists for use during the commencement season. A leading feature of all of them is a list of dates for the commencement exercises of all the principal colleges and universities in the country. A space is left for printing in the dates of the closings of the local schools and the adv. of the florist. As this is something all interested in the schools and colleges will undoubtedly keep for reference, it should prove an effective advertisement.

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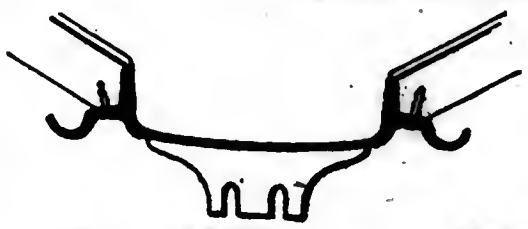
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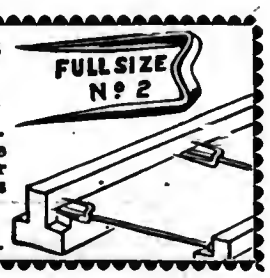
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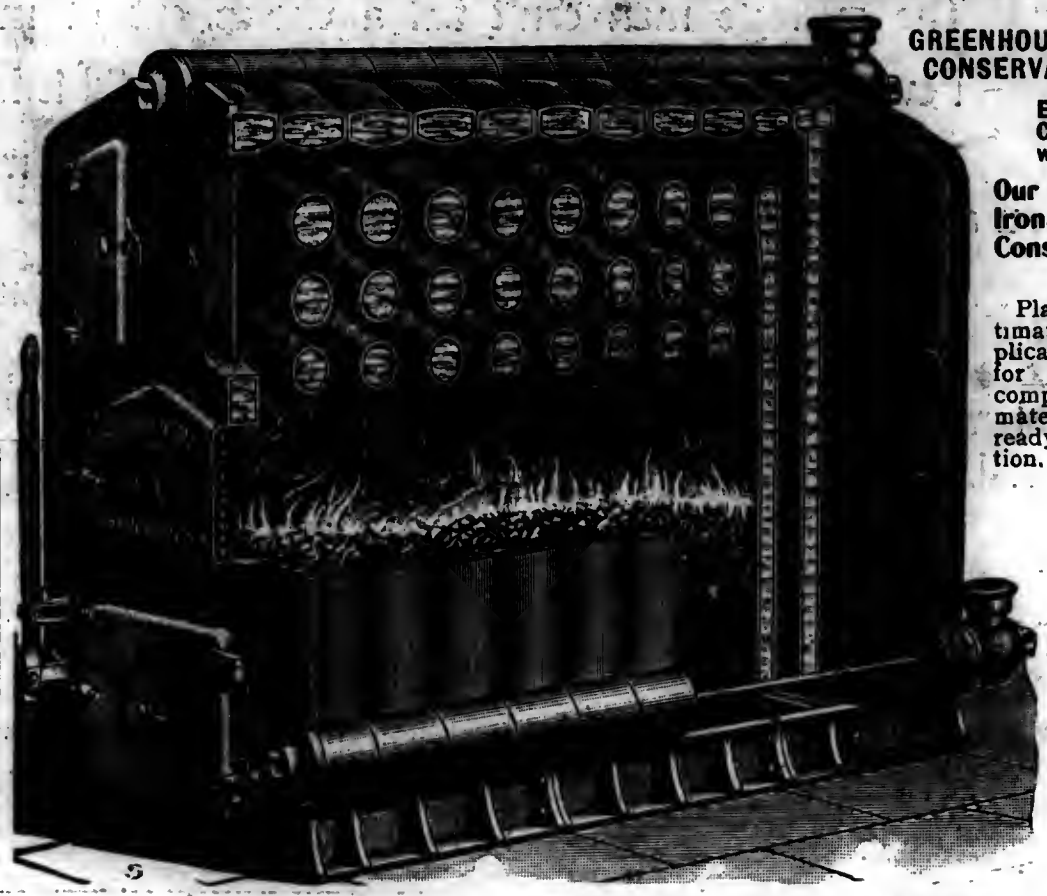
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		Per 100
10,000	Coleus, named, our selection, 2¼-in	$1.50
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1500 Kaiserins, 2½-inch pots
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2000 Bridesmaids, 3-inch,
5000 Bridesmaids, 2½-inch,
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500 Meteors, 2½-inch,
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3000 Perles, 2½-inch.

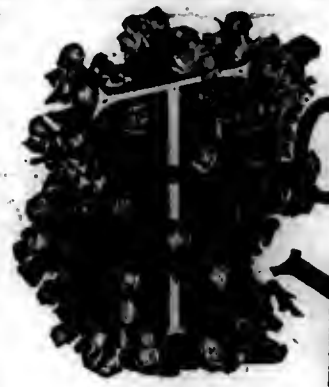
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	8 " " "			26 to 30 "		2.00 "
KENTIA BELMOREANA	4-in. pots, 5 to 6 leaves,		15 to 18 inches	$6.00 per doz.,		$50.00 per 100
	6 "	6 "	20 to 24 "	18.00 "		150.00 "
KENTIA FORSTERIANA	4-in. pots, 4 to 5 leaves,		15 to 18 inches	$4.50 per doz.,		$35.00 per 100
	5 "	5 "	18 to 24 "	9.00 "		75.00 "
	6 "	6 "	28 to 30 "	1.25 each,		$15.00 per doz.

Measurements from top of pot.

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...THE... RETAIL FLORIST.

New York Windows.

The florist's window is always a matter of great interest to almost everybody. Many florists look upon the time and expense used in making them presentable as so much thrown away; they imagine the people will come and buy flowers independent of window displays. Perhaps it is so, but the people were attracted first in some way and that was by the window. Did you yourself ever go out and study what attracts the eye of the general public most? No matter in what line of business it may be, that which is artistically arranged not only gives pleasure to the beholder but induces a more substantial patronage, and this applies more to the florist than any other, for when people are tired of looking at the humdrum of general commodities, their eyes love to rest on beautiful flowers; that's where they get a full interpretation of "a thing of beauty is a joy forever."

The florist's window is an expensive luxury, but its proper maintenance is not only desirable—it is necessary, and no good business man or woman can ignore its importance. The methods employed are as variable as other things requiring thought, each no doubt having qualities measured by individual taste or capacity of seeing. Florists' stores or shops in this country differ very much from those of Europe, and in no point more so than in window displays. Here, of course, owing to very hot weather, it is necessary to keep many of our finest flowers in ice-boxes, and many hypercritical people will not buy flowers which are shown in windows, whereas in Europe everything is put in the window and the price, too, is usually shown. This method has been and still is occasionally tried here, and the results are scarcely satisfactory. Americans care not for price; if they want a thing they buy it, and in many cases to see and admire means to purchase. By this we don't wish it understood that it is necessary to make your window display merely an index of the stock you may have, for the average customer goes into your store expecting to be able to get any kind of flowers or plants there. A shabby window will turn him away from your door or cause her to doubt the quality of your flowers, both of which should be avoided.

There are many ways to look at window decorations and much of it depends on location and circumstance. The vast majority of florists will remain satisfied with the same old way of conducting affairs merely because they are making a living or trying to, and ambition is dwarfed like a Japanese shrub. This class are not justified in judging the appreciation of others. But there are a great number of progressive florists whose ambition is boundless; they are always on the watch for improvement. It is they who have made the business what it is and it is always a pleasure to be with them.

Now, it can in no wise be considered egotistical to assert that New York will always be the art center of this continent; it is safe to predict that she is destined to be to the world in every other art what she is even to-day in floriculture, and this means no discredit anywhere, for we know the very best of artists can be found in obscure towns, but wealth is continually concentrating and centralizing in New York; wealth indulges in luxury and that usually demands the best that is; consequently, whilst just as good in everything may be seen elsewhere, the eyes and ears of the progressive will always be turned to the metropolis. In this way we endeavor to inform you of a few important items, and this time it is of window displays.

Whilst Broadway may boast of some of the finest florists' stores in the world, and there is no doubt that many of the grandest products in flowers are exclusively seen there and for which very high prices are obtained, yet it is a mistaken idea to imagine that all the highest grade of trade or stores in New York are located on this thoroughfare. Fifth, Madison and Columbus avenues have many handsome stores and much of the best family trade is done by them. Visitors and general out-of-town customers are of course more quickly attracted by glitter, and Broadway, between 14th and 47th streets, can safely be said to be the most brilliantly illuminated street to be seen anywhere; there is nothing to compare with it and most of the florists' stores there keep open till 10 p. m. New York windows are often very attractive; there is so much rushing life that it is necessary to make them specially so, if notice is looked for. Very little "made-up" work is shown; the greater part of material employed in recent window decoration has been of the simplest kind and very well it looks, if there is any degree of skill shown in the arranging. For the past month some of the Broadway stores have made special displays of branches of flowering trees and shrubs, and whilst the primary object may have been window embellishment, these blossoms have no doubt given birth to many a beautiful idea and won many a wedding order, for this kind of material has been and will be used more this year than ever before.

One store has a water tank filled with nymphaeas, another shows a group of hydrangeas, and very well it looks too, especially on hot days. There is a remarkable absence of the choicer varieties of herbaceous flowers; scarcely any but the very commonest sorts are seen, for the reason that growers still hang on to the stock their fathers left behind them, or what they themselves could get for almost nothing. Not one per cent of the New York retailers grow any part of their own stock; all depend on the market. Once in a while we notice a special display of one kind of flower—it is usually of orchids; a few weeks back hundreds of Cattleya Mossiae were thus used, principally in small glasses. At present Cattleya Mendelli furnishes the greater part of orchid displays and some very fine blooms are seen. Most stores show mixed windows, that is, a variety of flowers in vases; in these sweet peas, carnations, antirrhinums, pansies, etc., form the greater part. To a small florist perhaps this method of displaying goods is quite essential; they depend on the customer choosing from the window. The store with a reputation, and even the poorest, may often be benefited by a simple showing of one kind of flower. In this way two points are to be considered—artistic arrangement or quality of flowers.

There has been quite a lot of mixed colored cornflowers shown this season; they are very pretty, the yellow ones being especially rich. As the weather gets warmer this class of flowers becomes more valuable because they have lasting qualities. Paeonies have been and will continue to be the most showy and cheap flower to use, but rarely do we see any of the finest named varieties. P. officinalis rubra and one or two of the commonest pink and white sorts are nearly all we ever see on the market. Chicago seems to be far ahead of all other cities in the matter of paeony culture.

There is quite considerable rivalry among some New York florists in the matter of window displays. They try to avoid similarity and the endeavor often creates beautiful results. Fine palms are usually used for a background and it isn't always the quantity of flowers, but the manner of arrangement, which counts most. At this time of the year, when flowers are plentiful and of great variety, it is an easy matter to keep up a creditable show at small cost. The herbaceous garden at present supplies an abund-

ance of lovely flowers. What can exceed in brilliancy a pretty vase of oriental poppies in the center of a well greened window? Fine effects can be got from most flowers if properly placed. There are two things which more than all others detract from the beauty of flowers—that is, conglomerate and inharmonious arranging and poor vases. There are many in the business who, if not doing a rushing trade, become indifferent, and thus kill possible chances.

No matter what your location or class of customers, it pays to be neat and artistic. If you haven't appreciation of the value of these elements, you should get into some other line of business, for above all things the successful florist must be an artist in some form, and the most profitable way of showing his ability is by window display. This should be kept up even during the dullest part of the year, for it pays. Very little artificial material is shown by New York florists, except in the very poorest districts, and even there they get spurts of artistic virtue that are beneficial, at least to the public eye.

Wedding Bouquets.

Many of you will have cause to search for novelties or scarce flowers to offer in your suggestions for wedding bouquets, and after all your trouble you will often find the simpler the flower the more beautiful the effect. Take, for instance, a loose cluster bunch of Cherokee roses—what's finer or more poetically beautiful? They must not be shoved into cabbage form, of course, and a similar shaped but different colored rose must be used for the bridesmaids.

We recently made a charming spray bouquet of Odontoglossum citrosmum. This flower is admirably adapted for spray or semi-so-called shower bouquets. We used milliners' green-silk covered wire to twist around the stems to prevent them from breaking, used very little green, and that was A. Farleyense, twisted the handle with narrow velvet ribbon, ending in a small bow.

White orchids continue to be the choicest of material for brides' bouquets, and some fine flowers can be obtained from any large orchid grower. They chiefly consist of cattleyas, odontoglossums and miltonias, and where orchids are used for the bride's bouquet, they should also be used for the bridesmaids'. Cattleyas Mossiae and C. Mendelii are fine and cheap now, and by your advocating a greater use of them you not only render floriculture a great service, but you are apt to make more money by their employment than you could from any other flower.

Orchids are supposed to represent the richest gems in Flora's realm and a good big price can in most cases be got for them, whereas they can be bought very cheaply in comparison. But orchids are the worst possible flowers for awkward fingers or to use with clumsy greens and cheap ribbons. Always try to be as careful and choice in your making up as you are in the selection of your flowers; you can very easily spoil a beautiful flower by associating it with common stock.

Lily of the valley is fairly good at present. Put it in water in a cool place before using. How seldom one sees a well made valley bouquet. There is always some great fault; too much weight or inappropriate greens. You can use smilax or asparagus for packing, but it should not be visible, and Farleyense makes the best fringe. In arranging your flowers, don't be too regular; have them up and down and still retain the half circle contour of the bouquet. The finish is better than the start, but the former depends much on the latter. Victoria roses are by far the best of the indoor kinds to use at present. Bridesmaid roses are looking pale and faded. It is best to have Testouts or Jacques, but it all depends on the dress and the girls.

IVERA.

THE GATES AJAR.

The accompanying engraving is from a photograph of a gates ajar arranged by A. Le Moult, New York, the originator of the design, about fifteen years ago, and will surely be of considerable interest historically.

It is true that this design is now infrequently seen in the larger cities, but its popularity was once very widespread and it is still occasionally called for. We are pleased to be able to place permanently on record the originator's conception of its proper treatment, though we understand no two designs were ever treated exactly alike by this versatile designer.

Certainly this arrangement of the gates is much more satisfactory than many we have seen, and to those who still have call for set pieces it may be helpful.

IRISES.

Please tell me something about irises. I would like particularly to know the best time to divide and transplant, whether plants set in spring or fall will flower the following season, and the best varieties.

M. A. R.

Most of the family of irises may be divided early in the fall or spring, preferably the latter, but they cannot all be depended upon to bloom the first season. A good plan to follow where a large bed is in question is to divide a portion one year and the balance the next. Plants too long in one place show growth only at the outer edge, requiring division and resetting.

It is hard to make out a list of the best varieties. They are all good. For edging, the dwarf Iris pumila, with its bright lilac purple flowers, is good. For a taller edging, I. graminea, from Central Europe, but hardy at Chicago, bearing sweet scented lilac purple flowers, somewhat hidden among the foliage, is well adapted, especially when in front of plants like the garden phlox, that is apt to lose its lower leaves in dry weather.

The bearded, or German iris, is probably the most commonly grown. These, like the Japanese iris, have fancy names, but it is seldom one can rely upon getting what is wanted, as each nurseryman is apt to have his own set of names.

The German iris is easily grown under most conditions of soil and situation, but they do not like a wet situation in winter, especially when not in full sun, where the rhizomes can be well ripened. Stone, bricks and rubbish used as a drainage at the bottom of the bed is a remedy for such situations. In planting this class of irises the rhizomes must not be buried under the soil, or they are apt to rot.

Following these in time of blooming are the gorgeous Iris Koempferi, the moisture loving Japanese iris. This class likes a rich, moist soil and a sunny situation, but one sheltered from hot winds. The Japs flood them daily during the growing and blooming season. They are aptly called the poor man's orchid. These are in their prime of bloom near Chicago about July 4th.

The Spanish and English irises, both being of Spanish origin, belong to the bulbous section, the stem and leaves dying down after flowering. There are many beautiful varieties among them. If planted in the fall they will bloom the following July.

BELLEROPHON.

CARNATIONS.

Keeping Qualities.

Mr. James Hartshorne, of the Chicago Carnation Co., says the new pink carnation Mrs. Lawson is the best keeper of any carnation in existence. With him the flowers keep twice as long as those of most other varieties. The flowers can be cut when only half open and they will grow and improve afterward in water. He recommends cutting them when about two-thirds open. With age the flowers fade a trifle, but the color remains uniform and they retain their form perfectly.

He cuts all flowers of the Daybreak type (Lawson is one) while the center petals are still standing straight up, and before the flower has taken its final form, as all of these will grow in water after being cut and the keeping period is thereby extended. At least he does this when the flowers are going to customers to whom final results are what count. If sending to a salesroom where the customer sees the flowers before buying, he couldn't afford to do it. By allowing the flowers to fully develop before cutting they look larger when placed on sale and bring more money.

He believes Lawson will be a great moneymaker for the grower. The



The Gates Ajar, by the Originator of the Design.

Old-Time Floral Designs.

habit is very compact and desirable and he believes they will get as many flowers from a given space as from the old Daybreak, and that the Lawson is easier to grow.

Next to the Lawson he places Bradt and Red Bradt as to keeping qualities. Both ought to keep two weeks when cut right. He cuts the flowers just before the center petals are sprung, or when they are still standing straight up.

He places Gold Nugget third in the list of keepers and says it keeps nearly as long as Bradt.

Maceo and Gomez, the two crimsons, stand next, and have the advantage that no change in color is apparent when the flowers age.

Next in his list of good keepers he places together Genevieve Lord, Argyle, Mrs. James Dean and John Young. And the following group includes G. H. Crane, Frances Joost, Daybreak, Tidal Wave, and other standard sorts.

He holds that steady ventilation is a big factor in producing flowers that will keep well. If the houses have been kept closed several days and then ventilated the flowers will be more apt to go to sleep when cut than those from houses that have had steady and continuous ventilation. The houses should have some ventilation every day, if possible, even when there is no sun. Unless the weather is too severe to make it practicable, it pays to put on a crack of air and keep up the temperature by extra firing.

Cutting the flowers when the plants are on the dry side will induce sleepiness, and this should be avoided if possible. In such a case the flower lacks moisture in the tissues and this lack cannot be fully supplied by afterward placing the stems in water.

Flowers when cut should be placed in very tall jars. The more of the stem that is immersed in the water the better. While the stem may absorb but little except through the cut end, the immersed part is at least prevented from transpiring part of that taken in through the end.

Have plenty of fresh air in your coal room. Ventilate it as thoroughly as you can, while avoiding draughts, for draughts at any time induce sleepiness, though fresh air helps materially to give body and strength. Plants and flowers get their carbon from the atmosphere, and carbon gives substance.

If he could he would run the yellow varieties and all sorts that are inclined to split, up to 54 or 55 degrees at night, but would supplement this by very free ventilation to preserve strength of stem. But this temperature, if adopted, would have to be steadily maintained. Plants run at a high temperature and fed liberally must have an abundance of ventilation to avoid split calyces. And sudden changes in temperature will cause the best of them to split.

Referring to the carried over Bradts mentioned in a previous issue, he says the statement that the flowers were as good as those on the young plants was an error. But this was due entirely to the fact that the plants had been run at a very low temperature, namely, 40 degrees. Had they been kept at the same temperature as the others, he is sure the quality would have been as good and that the principle involved was correctly stated.

FLORAL COSTUMES.

At a recent ball in Paris the ladies' costumes represented departments of the exposition, and those representing the horticultural department are described as works of art.

Among these were the Countess Boni de Castellane as a red peony, Mrs. Armand Brun as an orchid, with purple and iridescent reflections, made by electric lamps concealed in her dress, and Mme. Louis Metman as a bed of chrysanthemums, attended by eleven little Japanese girls, each representing a different species of chrysanthemum, and one illuminated with electric lights.

THE MOST MONEY.

To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florist's Manual, by Wm. Scott, keeps you posted on. It is a $10 book for $5 and the best investment you can possibly make, no matter how large or how small your business.

THE SEEDSMEN.

The eighteenth annual meeting of the American Seed Trade Association is to be held at the Grand Pacific hotel, Chicago, next Tuesday, Wednesday and Thursday, June 12th, 13th and 14th.



Geraniums.

There seem to be two plants that stand out most conspicuously as the leaders in public favor this year, and it has been so and will continue so for a long time. They are the zonal geranium and the canna. We make the same mistake every year and grow too many varieties and not enough of the best variety. This year it seems that out of twenty thousand geraniums we should have had about ten thousand S. A. Nutt, five thousand Francis Perkins, and the other five thousand in about five of the leading varieties. It depends somewhat on your trade. If you cater to the people who are going to walk around and "select" half a dozen, then grow most anything that is spotted and striped and worthless; or if a catalogue trade where the extraordinary description is the important part of the plant, then any old thing with a long French name will do; but if you do a large flower garden business and want to please your customers by making fine, brilliant beds that will grow and flourish the whole summer, then limit your varieties.

I am saying all this with the object of telling you to plant out plenty of stock of the right kinds. We hope you have a lot out already, but don't be afraid of putting out another lot. I don't profess to try all the new zonals as they come out, and if any variety that you have has turned out finely keep right on growing it. With us S. A. Nutt is the best dark scarlet, Alphonse Riccard is a grand orange scarlet, Beaute Poitevine is the best salmon, and Francis Perkins is a wonderful pink. The latter has clean knocked out old Emile de Girardin that we once grew so largely. Ernest Lauth, an amaranth shade, is ancient but a grand bedder. There is another variety, a light scarlet, that is the best of all to withstand the trying ordeal of a cemetery vase, viz., Prokop Daubeck. It can't be equaled for this purpose. La Favorite is still with us, the most compact and profuse white, but there are others.

We want nearly twenty doubles to five singles, yet the singles make fine beds, and, as I have many times remarked, for a large bed in a park where five or six hundred plants are used in a mass, there is nothing more effective than Gen. Grant, because it is a pure scarlet and the leaf a pure green. We think a great deal of Mrs. E. G. Hill as a fine single salmon, and J. P. Cleary is the most profuse dazzling scarlet we have yet seen. It beats Athlete, which is a good one. We never yet had enough of the variegated silver leaf Mountain of Snow, which should have rich soil to grow at its best. And little squatty Mme. Salleroi is indispensable where you do much bedding.

I forgot to add some weeks ago when writing about geraniums that you should give these plants that you grow for cuttings plenty of room. It is not effect of color you want, it is short-jointed, sturdy growth, so they must have light and air between them.

Cannas.

Either cannas must be in greatly increased demand or many people lose quantities during winter, for early in the season it became evident that there was going to be a scarcity all around. They are a good profitable plant, for they take up but two months in the greenhouse bench. Plant out in deep, rich soil within reach of the hose all you can lay your hands on. Last year we planted a lot of cannas as late as the 20th of June. The weather was dry for two months and with no opportunity to water they made poor growth and small roots. You want rich, deep soil, then you will get large clumps, which means plants for next year.

There are so many fine varieties that it is risky to recommend any to the exclusion of others, and like the geraniums, the old varieties are by no means yet on the shelf. But a trial of a few of the newest is most proper. Florence Vaughan is still a grand yellow, Mme. Crozy is still good, Egandale is fine, so is Admiral Avellan. Souv. de Antoine Crozy is the best of the gold tipped type, Tarrytown is a brilliant cherry red and dwarf and free. President McKinley is an ideal bedding canna, with dark, brilliant flower, and there are many more, but hunting after new ones is not half so much of consequence as growing a big lot of the standard sorts.

If anyone had now at this late day ten thousand well grown cannas he could sell them at a good price. There is only one so called foliage canna that we consider worth growing, and that is incomparable in its dark, almost blue, tint, La Grand Rouge. It is a beauty and yet fills a place that the Crozy type has not filled.

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Bedding with hardy perennial plants is not often attempted, owing to the comparatively short duration of the period of bloom. While one is glorified and inspired by a mass of color in the spring, he soon tires of it, and a relief is gained when nature's soothing color, green, asserts itself.

The woods and thickets are gorgeous in color at this time of the year. The plum, apple, hawthorne, dogwood and their associates vie with each other in their floral display; but soon this passes away, and only the memory of their transient beauty remains. In their place, however, is the soothing, quieting green verdure, that always pleases and attracts. That is the way nature does her bedding.

That feature, a pleasing, mossy green, follows the floral display in the bed here illustrated. It is composed of Phlox subulata, the ground or moss pink, forms the main outer rim and bears very light pink flowers. P. amoena occupied the center, bearing a much deeper pink bloom. Both of these species of phlox are found growing wild on the eastern coast from New York to Florida. They require a dry, sunny situation, and are much better for some protection in winter. Scantling resting on stakes temporarily driven into the bed, hold lath shading frames used over hotbeds. Over these shades are placed corn stalks. This allows circulation and does not press down upon the plants.

This bed is situated on a slope bordering a roadway and walk. Back of the phlox, in the same bed, are some perennial poppies, the foliage of which dies down after the blooming period. Behind them (not seen in the picture) are some Callirhoe involucrata, a creeping plant, that covers the space made vacant, and are easily pushed aside when the fall growth of the poppies appears.

The shrubbery belt is composed of lilacs, with snowberries near the cottage, and the Rocky Mountain Rubus deliciosus is at the roadway end.

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MISCELLANEOUS SEASONABLE HINTS.

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TROUBLES

Conducted by LEONARD LAWTON

Of Interest to You.

Have you troubles? Of course you have, for it is a world of trouble.

Can your troubles be lessened? Yes, many can be avoided entirely by benefiting from the experience of others who have "been through tho mill."

If each reader of The Review possessed the experience of all other readers combined, he would make few mistakes and consequently have few troubles.

It is the purpose of this department to help you in lessening your troubles. Tell us about them, no matter what they may be. A postal card costs but one cent and can convey a world of trouble. Out of the experience of many comes wise counsel. No names will be used, though they must be signed to the communications.

If you could have a useful reply to any question on any subject, what would you ask?

Competition.

"Competition is the life of trade, but the death of prosperity," is a revised version of the old saw. And there's a good deal of truth in the added words. Fair and honest competition is really the life of trade, but there are other kinds that kill the prosperity of all. How may we meet the last kind? There certainly must be a good way, for every poison has its antidote.

We remember a harness maker who met a bad case of price cutting in an effective way. A new man started up near him with the avowed purpose of "running him out" of the business. Old customers came and said, "I don't want to trade with the new man, but I can't afford to pay you $20 for a new harness when I can get just as good a one from him for $15." "Don't do it," was the reply; "save all the money you can, and I will help you. Go back and tell him that you can get it of me for $15, too, and he will probably make another reduction, which you can accept." The plan was followed up and the new man kept selling below cost until he could stand the strain no longer and the sheriff put up the shutters for him. It was a drastic remedy and both suffered, but the harness maker felt it was the quickest way.

But there are other and better ways to meet unfair competition. Many in the trade have had such a problem to meet. Let us all have the benefit of their experience. Send us a postal card report, telling us in a few words how you have won.

The Man Who Never Pays.

Undoubtedly the worst sort of competition to meet is that of the man who succeeds in buying his stock on credit and never intends to pay for it. He can undersell you and still make a fat profit. Of course he can't keep this up long, but he makes things mighty unpleasant while he lasts, and when he has milked one city dry he generally finds little difficulty in working the same game in some other city or neighborhood.

How can he be prevented from causing you trouble? By giving the widest publicity to his methods through this department, that all others in the trade may be duly warned, thus preventing him from obtaining new credit in some other city. The interests of both wholesaler and retailer are identical in this matter. Both lose money by the operations of these gentry.

Gray Hairs.

Gray hairs are not always a sign of wisdom, though many gray haired men have profited by experience. What is wisdom but acquired experience and the power to make an effective application of it? Gray hairs are as often the result of worry as of age, and all worry is perfectly useless. Analyze your troubles, study on plans to avoid them, but don't worry about them. Don't cultivate gray hairs. Grow good roses and carnations and let some one else grow the gray hairs.

Hail Stones.

Be philosophical. We once drove up to a greenhouse establishment that had just been riddled by hail. The proprietor wasn't a bit flustered. He remarked: "We have just had a dispensation of Providence and I have sent to town for 20 boxes of glass." Instead of wasting time in lamentations, he had at once put forth all his effort to repair the unpreventable damage.

But don't take things too easy. We recall another florist who had recently purchased a $400 delivery wagon. On the morning of the "Glorious Fourth" this wagon was attached to a spirited horse, and while it was standing in the yard one of the men set off a cannon cracker within twenty feet of the outfit. The horse backed through a pile of pots into a greenhouse, wrecking the wagon and causing several hundred dollars' damage. The florist walked into the house and calmly remarked, "Well, we've celebrated."

Now, this catastrophe was the result of pure thoughtlessness and criminal carelessness. And while language wouldn't remedy the matter, there was a real necessity for a few words to the man who set off the cracker, and, we think, they should have been about like this: "We shall not require your services longer. A man who will be so foolish and thoughtless as you have been has no place in this establishment. You may do something still worse to-morrow." But what is your rule for discharging help? Send it to us on a postal card.

Pots.

That pile of pots reminds us that there is a better way of keeping pots than strewing them all over the place. One florist we know of keeps all his pots in old soap boxes. These are never filled quite level full and they can therefore be readily piled one upon the other. He can never get all of one size together, but can always pick up enough to fill a box. A big chalk mark on the end of the box tells the size of pot it contains. At the end of the season the boxes can be sorted to the sizes they contain. Do you know of a better way?

That haste makes waste is well illustrated by the broken pots that gather around greenhouses. The pots broken through carelessness represent a fair share of the season's profits on many places. And this is a serious sort of trouble. How do you keep yours?

Pick Up a Few.

Pick up a few points as you go along. To do it you will have to keep your eyes open and cultivate your powers of observation, but it pays. We once visited a greenhouse establishment with two companions. On comparing notes afterward we found that one of the party hadn't seen anything of special interest, while the other had picked up a dozen practical points. When number two mentioned these to number one, he remembered in a vague way of having seen the things described, but they had made no impression on him. The sum of success is made up of small units. Pick them up as you go along and you will soon have a valuable collection. Make yourself as sensitive to impressions as a photographic negative is to light. Let nothing escape. You will find your troubles growing fewer in number.

"One thought written means another thought born." Observe and learn and send a sentence of wisdom on a postal to us. You will be sure to think of something new and useful if you become a postal card friend of this page.

Entertainment Tickets.

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TROUBLES

Conducted by LEONARD LAWTON

Of Interest to You.

Have you troubles? Of course you have, for it is a world of trouble.

Can your troubles be lessened? Yes, many can be avoided entirely by benefiting from the experience of others who have "been through the mill."

If each reader of The Review possessed the experience of all other readers combined, he would make few mistakes and consequently have few troubles.

It is the purpose of this department to help you in lessening your troubles. Tell us about them, no matter what they may be. A postal card costs but one cent and can convey a world of trouble. Out of the experience of many comes wise counsel. No names will be used, though they must be signed to the communications.

If you could have a useful reply to any question on any subject, what would you ask?

Competition.

"Competition is the life of trade, but the death of prosperity," is a revised version of the old saw. And there's a good deal of truth in the added words. Fair and honest competition is really the life of trade, but there are other kinds that kill the prosperity of all. How may we meet the last kind? There certainly must be a good way, for every poison has its antidote.

We remember a harness maker who met a bad case of price cutting in an effective way. A new man started up near him with the avowed purpose of "running him out" of the business. Old customers came and said, "I don't want to trade with the new man, but I can't afford to pay you $20 for a new harness when I can get just as good a one from him for $15." "Don't do it," was the reply; "save all the money you can, and I will help you. Go back and tell him that you can get it of me for $15, too, and he will probably make another reduction, which you can accept." The plan was followed up and the new man kept selling below cost until he could stand the strain no longer and the sheriff put up the shutters for him. It was a drastic remedy and both suffered, but the harness maker felt it was the quickest way.

But there are other and better ways to meet unfair competition. Many in the trade have had such a problem to meet. Let us all have the benefit of their experience. Send us a postal card report, telling us in a few words how you have won.

The Man Who Never Pays.

Undoubtedly the worst sort of competition to meet is that of the man who succeeds in buying his stock on credit and never intends to pay for it. He can undersell you and still make a fat profit. Of course he can't keep this up long, but he makes things mighty unpleasant while he lasts, and when he has milked one city dry he generally finds little difficulty in working the same game in some other city or neighborhood.

How can he be prevented from causing you trouble? By giving the widest publicity to his methods through this department, that all others in the trade may be duly warned, thus preventing him from obtaining new credit in some other city. The interests of both wholesaler and retailer are identical in this matter. Both lose money by the operations of these gentry.

Gray Hairs.

Gray hairs are not always a sign of wisdom, though many gray haired men have profited by experience. What is wisdom but acquired experience and the power to make an effective application of it? Gray hairs are as often the result of worry as of age, and all worry is perfectly useless. Analyze your troubles, study on plans to avoid them, but don't worry about them. Don't cultivate gray hairs. Grow good roses and carnations and let some one else grow the gray hairs.

Hail Stones.

Be philosophical. We once drove up to a greenhouse establishment that had just been riddled by hail. The proprietor wasn't a bit flustered. He remarked: "We have just had a dispensation of Providence and I have sent to town for 20 boxes of glass." Instead of wasting time in lamentations, he had at once put forth all his effort to repair the unpreventable damage.

But don't take things too easy. We recall another florist who had recently purchased a $400 delivery wagon. On the morning of the "Glorious Fourth" this wagon was attached to a spirited horse, and while it was standing in the yard one of the men set off a cannon cracker within twenty feet of the outfit. The horse backed through a pile of pots into a greenhouse, wrecking the wagon and causing several hundred dollars' damage. The florist walked into the house and calmly remarked, "Well, we've celebrated."

Now, this catastrophe was the result of pure thoughtlessness and criminal carelessness. And while language wouldn't remedy the matter, there was a real necessity for a few words to the man who set off the cracker, and, we think, they should have been about like this: "We shall not require your services longer. A man who will be so foolish and thoughtless as you have been has no place in this establishment. You may do something still worse to-morrow." But what is your rule for discharging help? Send it to us on a postal card.

Pots.

That pile of pots reminds us that there is a better way of keeping pots than strewing them all over the place. One florist we know of keeps all his pots in old soap boxes. These are never filled quite level full and they can therefore be readily piled one upon the other. He can never get all of one size together, but can always pick up enough to fill a box. A big chalk mark on the end of the box tells the size of pot it contains. At the end of the season the boxes can be sorted to the sizes they contain. Do you know of a better way?

That haste makes waste is well illustrated by the broken pots that gather around greenhouses. The pots broken through carelessness represent a fair share of the season's profits on many places. And this is a serious sort of trouble. How do you keep yours?

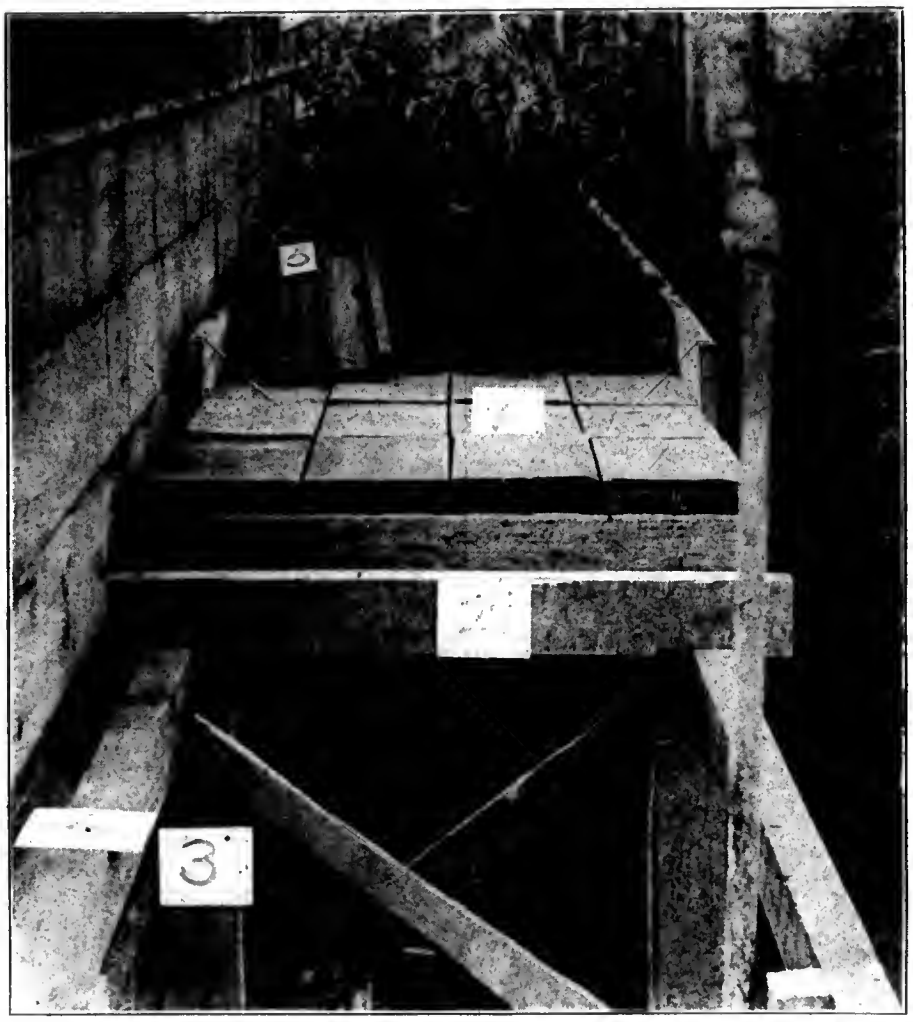
Pick Up a Few.

Pick up a few points as you go along. To do it you will have to keep your eyes open and cultivate your powers of observation, but it pays. We once visited a greenhouse establishment with two companions. On comparing notes afterward we found that one of the party hadn't seen anything of special interest, while the other had picked up a dozen practical points. When number two mentioned these to number one, he remembered in a vague way of having seen the things described, but they had made no impression on him. The sum of success is made up of small units. Pick them up as you go along and you will soon have a valuable collection. Make yourself as sensitive to impressions as a photographic negative is to light. Let nothing escape. You will find your troubles growing fewer in number.

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An excellent feature of the convention was an extensive display of photographs showing both good and bad work in landscape gardening. Pictures always tell a story more quickly and more convincingly than words.

Decidedly the most beneficial and interesting feature of the whole convention was the lecture by Messrs, J. H. Patterson and E. L. Shuey, of Dayton, O., on Tuesday evening, which was rendered remarkably effective by the great number of stereopticon views that were presented.

Mr. Patterson has been the moving spirit in the great work that has been done by the National Cash Register Co., of Dayton, O., in beautifying the grounds around its factory and the homes of its employees. The several points were driven home by pictures showing the appearance of various parts before decorating and the same soon after the work was done and again when growth had had time to mature. Annuals were largely employed in the planting and the morning glory had been the most important factor. The general public had been invited to be present and no doubt these pictures planted seeds that will later bear fruit.

"We have found the moral effect of beautifying the homes of our people most gratifying," said Mr. Patterson. "We all know that everyone is influenced by his surroundings, and if they are made attractive and beautiful the influence can but be good. On the other hand it will follow that unsightly, hideous surroundings will lower the moral, spiritual and physical life of the people. If we cannot make labor a pleasure we can at least make the surroundings and conditions more bearable.

"I believe that the employer of today will find that in this very thing he has a problem of the gravest importance to cope with. Conditions since the advent of the locomotive and quick transportation have changed immensely, and we must adapt ourselves to them. In the old days men had small shops and few employes, and they were directly interested in their moral and physical welfare. I hold that the man who employs 3,000 men and women has just so much greater a responsibility, and if he can make life brighter for them by showing them how they can make their homes and small yards things of beauty it is his duty to do so."

Mr. Shuey said that he had endeavored to collect all the statistics, photographs and other information that he could of the history of such experiments in this country. He said that he had not found the work arduous, from the fact that only about half a dozen great concerns in the entire country had made any effort whatever to beautify and make their surroundings artistic and appealing to the eye. He gave a number of views of notable examples of such experiments in England, and several in this country.

A movement was started in the morning session which may ultimately result in the establishment of a system of prizes for stimulating landscape art among the school boards of country towns and among the people in the congested districts of the great cities. A number of the delegates spoke to the subject informally, and the idea was received with great enthusiasm. While no definite action was taken, the members of the society hope to put the suggestion in definite form before the convention is brought to a close.

Wednesday morning was devoted to the reading of essays upon subjects connected with the work of the landscape gardener and in the evening the visitors were entertained at a banquet at the Auditorium hotel, after having previously enjoyed a ride through the West Park system.

Thursday morning will be devoted to essays and in the afternoon the Lincoln Park commissioners will give the visitors a view of the north side park.

On Friday there will be an excursion down the drainage canal.

CHICAGO.

The Market.

The market has been rather quiet since Decoration Day, but stock did not accumulate till last Saturday when the carnations poured in, and we are now in the midst of a bad glut of carnations of all kinds and of roses of poor grades. Of fine shipping roses, however, there seem to be none too many. On carnations prices are demoralized and most any old price is made rather than let a customer escape. American Beauties are very short in supply and consequently in brisk demand.

There is a lot of paeonies in the market and they are moving rather slowly. The end of the southern crop is now being cleaned up. The flowers from local growers will soon begin to come in and a better quality will then be had.

Lychnis and cornflowers were noted in quantity at Amling's. The former moves readily, but the latter seem to lag.

Gladiolus Colvillei alba is being received freely at Kennicott's and so far all have found ready sale at $3 a hundred.

Bassett & Washburn and E. H. Hunt report a very heavy shipping trade.

Various Items.

Little but routine business was transacted at the meeting of the Florists' Club last Friday evening. The committee on program was instructed to provide some special features for the next meeting.

Wietor Bros. are giving their salesroom an overhauling and repainting.

Peter Reinberg has enlarged his salesroom slightly by removing a partition at the rear.

Poehlmann Bros. expect to have their new houses ready for planting by July 1.

Chicago is surely a convention city this year. The Park and Outdoor Art Association is in session here this week, and the seedsmen and nurserymen will be with us next week.

Mr. Jos. Reeve, formerly of this city but now with Mr. J. C. Murray, at Peoria, paid his old friends in this city a visit last Saturday and Sunday.

D. C. Noble, Columbia City, Ind., was a visitor last Tuesday. He purchased glass and other building material while here.

Among those in attendance at the convention of the Park and Outdoor Art Association is Mr. Wm. Scott of Buffalo, the well known florist of that city and superintendent of the Floricultural department of the Pan-American Exposition.

At Lincoln Park.

The hardy garden at Lincoln Park is now gay with bloom. The aquilegias are in full flower and in great variety. The early red paeony is contributing its bit of glowing color, while all other sorts are showing a mass of buds. The German irises are beautiful—great clumps of yellow, blue and other colors. The dodecatheons are passing away, as is also the native phlox and the wild geranium, but the hemerocallis is showing the advance guard of its army of yellow flowers, and the orange scarlet of the oriental poppy is beginning to light up dark spots, while the modest forget-me-not peeps up in unexpected places.

In shrubs the lilacs are almost out of flower, but the snowballs are still in fine bloom and Spiraea Van Houtteii is a mass of white. This spiraea should be in the grounds of every florist. At the park it thrives finely in all sorts of situations, while many of the other spiraeas have died out. The loniceras are gay with bloom. Grandiflora is certainly far superior to the old tartarica. But by far the handsomest objects in the park at present are several specimens of the double flowering crab-apple. They are certainly grand and are as beautiful as anything well can be, the flowers resembling small double delicate pink wide open roses. Wiegela rosea is seen as an occasional specimen, but many that have been planted in the park have passed away. It is hoped that some recent new plantings will have a better fate.

In the parterre are to be seen beds of pink, white and purple stocks bordered with pyrethrum aureum, beds of pansies and daisies, also geraniums, cannas, petunias, verbenas; and several carpet beds are being planted. Against the terrace in front of the conservatory is seen the flag in much the same form as illustrated in the Review summer before last, only there are now added the words, "Welcome, G. A. R.," that organization meeting in this city this year. Several beds of

Azalea mollis have recently passed out of bloom. They served to give a bit of color in the parterre before bedding out time arrived. The rustic vases for which the park is famous have all been filled and have already made some growth. Beds of alocasias and Cyperus papyrus have also been planted. By the way, in carpet beds where a low growing, gray white effect is wanted, the variegated thyme is largely used by Head Gardener Stromback. It is also useful as a border. It should be more generally used for the purpose.

NEW YORK.

Erratic weather, erratic business, in fact an erratic world, and it's just as well to enjoy it all, for it's hard to change them. Outdoor flowers, especially roses, are backward and it looks as if the Rose Society's show, which opens at the Eden Musee, June 12th, will just about catch the first crop of blooms. We again urge that this show be made a huge success by everyone sending his batch of blooms whether for competition or not. If you cannot come yourself to the city, address your flowers to Leonard Barron or J. I. Donlan, Eden Musee, and they shall be carefully staged and entered.

The condition of the cut flower market is inclined to be spasmodic. Poor grades are hard to move and fine grades are scarce. Roses are being sold for $5 or less a thousand, and from that you can imagine the rest. Cattleyas still continue plentiful. Thomas Young is receiving specially fine ones.

The plant growers report the season's sales so far as satisfactory. Many of them claim it to be their most prosperous year. We visited the plant market from 2 to 6 a. m. Saturday, and saw that well grown plants sold quickly. There was a vast amount of poor stock on the market. It's a wonder much of it can be sold at any figure. The prices for good stock were: Geraniums, 75 cents to $1; fancy pelargoniums, $1.25; variegated vincas, 75 cents; fuchsias, 50 to 75 cents; nasturtiums, 50 cents; petunias, 50 cents; verbenas, 35 cents per dozen, and so on.

At the cut flower market the same morning Harrisii were $6 a hundred; paeonies, crimson 60 cents, pink and white 75 cents per doz.; gladiolus, $1 per doz.; carnations, $1 to $2 per 100; blue cornflowers, 5 cents a bunch; yellow, white and lilac, 2 cents a flower; sweet peas, 6 cents a bunch; water lilies, 50 cents per 100; Jacques, $4; valley, $2.50; smilax, $16 per 100. Prices have been wandering downwards since.

The Florists' Club will meet next Monday and all are requested to attend. Perhaps the entertainment committee will have something besides apologies.

The bowling club will meet that afternoon, and the following notice is not only given out for the benefit of New Yorkers but is also put out for others to adopt: "The team selected to represent New York in the national tournament to be rolled during the convention will be the men having the highest scores in the three first games rolled each night during the meetings of June and July, members to be present at least five nights out of the eight." This is a fair way of selecting the team. There are a number of fine bowlers here as elsewhere who never come near the alleys. This class should be ruled out of every team rolling for at least league prizes. We would like to see other cities adopt the same plan, and from now on have the scores and names published each week in the trade papers. Fine alleys have been secured. There are six together with an accommodation for over 300 rooters. These alleys will be entirely neutral; the New Yorkers have only rolled a few games on them the day they were hired and they will now keep away until the convention day.

There are seven teams entered up to date and we expect it to be a dozen. Denver, St. Louis, Chicago, Boston and other small places please wake up. Milwaukee, Detroit, Cleveland, Buffalo, Philadelphia, Flatbush and New York are the teams which have already signified their intentions to compete.

If there are any gun clubs or folks interested in rifle practice (he need not be a Boer), they are requested to communicate with W. J. Elliott, 54 Dey street, New York. He is Secretary of War on clay pigeons and will be able to give all information.

The following are the scores which will count in the selection of the bowling team, and members of the club not mentioned here will be given an opportunity to pull up. Marshall doesn't wish to scare anyone, but he is going to do his best to show New Yorkers can win if they so decide:

T. Roehrs	188	148	147
A. Burns	133	137	153
C. Schenck	141	144	167
T. Lang	152	134	188
F. Traendly	117	140	149
Van Asch	81	138	108
W. Marshall	176	158	214
J. McManus	122	128	132
J. Donlon	...	121	105

J. I. D.

ST. LOUIS.

The Market.

There was only a fair supply of choice stock in the market for Decoration Day, but roses were plenty and sold cheap. The shipping trade was really good, but the home trade did not amount to much. The growers complain that the rains and the cool nights have badly mildewed most of the stock.

Business has not improved since last writing, and, as there is little prospect of the street car strike being settled, the outlook for a change for the better is not promising.

The market has been in good supply all the past week. Jacques, sweet peas and Cape Jasmines are very plentiful. Choice stock of Meteors, Maids and Brides brought $5, others $2 and $3. Jacques sold at $2 and good American Beauties were sold at $2.50 per doz. Carnations are still in good supply, white and good red are the only scarce ones. Daybreak and Scott are very fine and have the call at $1 per 100. Cape Jasmine sold at 75 and 50 cents per 100. Paeonies and other outdoor flowers will be gone by the end of the week. Blue cornflowers are selling well and some fine valley sold the past week at $2. Smilax is plentiful and sells at $12.50.

Plant men are taking things much easier this week, as the rush is about over. At the union market the growers claim the past week was a little better with them, especially Decoration Day, as a great many plants were sold this year for decorating graves.

The various schools will have their commencements this month and this will, no doubt, help boom the cut flower trade. But it will not be what it used to be. The florists at one time counted on June as their best month. All invitations read "No flowers," and that hurts, but we have to pay school taxes just the same.

Various Items.

Willie Holtz, foreman at Kuehn's wire shop, was married last Saturday night to Miss Grace Smeathers, at Alton, Ill. We congratulate you, "Billy," and may your life be a happy one.

Frank M. Ellis, with H. G. Berning, will be married this week Wednesday to Miss Emma Krueger, of 1912 Penn street. Congratulations are now in order, as Frank is very popular with the trade.

John M. Hudson is reported much improved and perhaps will be about again by the end of the week.

Mrs. C. Young, mother of John, Harry, Will, James and Mrs. Ellison, is reported very sick the past week.

Park Commissioner F. L. Ridgely will leave for Chicago this week to attend the meeting of the American Park and Outdoor Art Association.

President Ammann of the Florists' Club is looking forward to a big meeting next Thursday, June 14th, and hopes that the miscellaneous cut flower show will be large and that the members will all bring something to exhibit, as there will be three prizes, $5, $3 and $2. The committee in charge is expected to be there early to stage the exhibits. As the plant season is about over and the store men not busy, it is expected that all the old-timers will be on hand. The new exhibition committee is expected to be there early, as a meeting has been called for at 2 o'clock sharp. F. C. Weber, C. C. Sanders, Emil Schray, Frank Fillmore, John W. Kunz and Carl Beyer, please take notice.

J. J. B.

YOU CAN easily find what you want in The Review's Classified advs.

A TEN YEARS' RETROSPECT.

[An address by Wm. J. Stewart, Boston, Mass., to the Florists' Club of Philadelphia, June 5, 1900.]

A decade seems a fairly long time when one is looking forward, but it passes rapidly and, looking back, we are astonished at its brevity. The young man lives in the future, but as age comes upon him he is inclined more and more to indulge in meditation over bygone days. If one who has reached or passed the meridian of life wishes to retain youthful associates and retard as long as possible the evidences of his rapidly accumulating years, let him watch out and avoid getting too much into the habit of everlastingly telling about what happened ten, twenty or forty years ago. A little of it is all right, but carry it beyond a reasonable limit and one is apt to soon find his listeners reduced to a bunch of old fogies like himself. Knowing this, I have approached the subject assigned me by your committee with some misgivings, not being disposed as yet to line up in the column of "has beens." Without, however, indulging too freely in tiresome retrospect or exploring too deeply in ancient history, we may, perhaps, spend a brief time profitably in reviewing our achievements for the past decade and thus acquire fresh courage and incentive to face the problems which await us in the future.

Ten years ago the Society of American Florists was in its sixth year. The Buffalo convention had passed into history. The Boston fraternity were busily engaged in the work of preparation for the approaching visit of the national society to the Hub. The Philadelphia Florists' Club was already a prosperous young organization with a proud record and a promising outlook, while here and there throughout the country the good example set by them was being imitated and florists everywhere were awakening, for the first time in their lives, to the grand social and material advantages afforded by these useful local bodies.

So ready had the national society found the field and so effectively had it started in on the work to which it had pledged itself that, even then, the record of its services in the cause was one of which it might rightly feel proud. From the convention reports of the period we learn what questions were being discussed and what important problems we were endeavoring to solve. The standard flower pot had just been adopted and the trade was in the transition period from the old unsystematic conditions to the improved order of things which it now seems hard to believe we could have dispensed with for so long a time. Yet, as with all reforms, the change was not made without opposition, nor was it accepted with unanimity even by those who would benefit most. A perusal of the records of the trade exhibitions at our annual conventions will bring us to realize, as much as anything else, the great practical strides we have been making and the many devices and improvements that date their introduction from their exhibition on these occasions bear testimony to the ingenuity and genius of our colleagues whom we are thus encouraging to develop those practical and mechanical industries so closely linked with our own profession.

The comparative merits of steam and hot water heating for greenhouses furnished a prolific theme for discussion in the earlier days, and how hot the supporters of each system were wont to get! Scientific versus practical education for young gardeners—ah! there was a veritable jaw-breaker. While it is true that questions such as these are rarely settled for good and all and that the lapse of time is often the only tribunal that can determine the facts, yet the educational value of their discussion can hardly be overestimated. Jumping over the intervening years, who will say that, in our profession today, both practical and scientific knowledge do not exist in much greater degree than ever before, or that we have yet reached that stage where we have a sufficient supply of either of them? Although we scarcely realize how great is the advance until we sit down and compare the olden time with the present, the problem of the higher education is slowly but surely settling itself. The floricultural world "do move" and, whether or not we individually desire it, we have all been advancing steadily with it, so that, to set back the average intelligence of the florists' trade as it exists today to the average as it was ten years ago, would be a calamity as great as, if not greater, than it would be to reconstruct every feature of our modern greenhouse according to the standard existing prior to that time.

McMillan's memorable satire on the prevalent style of formal gardening was the most notable feature of the Buffalo convention. It precipitated a controversy that extended over several years and was the severest blow ever dealt in this country against the artificial and abnormal in gardening. The seed planted at that time has been bearing fruit ever since.

The reform in the matter of plant nomenclature which has taken place can scarcely be realized except by those who knew what were the conditions existing up to a dozen years ago and who remember the delight with which the agitation of the subject and the appointment of a committee by the S. A. F. was welcomed by the suffering trade all over the country. Thanks to that movement, plants are no longer renamed at will by unscrupulous or ignorant dealers, and humbug has given way to reliability. Few committees ever accomplished so much with so little effort. There were a few short, sharp tussles at the outset and then publicity and public approval took up the work and helped prepare the way for the systems of registration which are proving so serviceable today in protecting the right of the originator and of the buyer.

Thus we find our entire profession elevated in a practical way through the interchange of experience and intercommunion of bright intellectual minds which our trade organizations, together with the invaluable co-operation of an enterprising trade press, have made possible. With aggressive persistence and far-reaching effort the campaign of education goes forward. The fittest are forging to the front as greater intelligence gives a well directed impulse to enterprise. The floricultural trade is becoming barren ground for adventurers. Catalogue men and advertisers are more careful in their representation of the goods they offer, not alone because of a higher integrity but also because they know that they are dealing with a more enlightened clientage. It doesn't pay, nowadays, to misrepresent varieties; it doesn't pay to ship stale flowers as fresh; it doesn't pay to raise "any old thing" for the plant or flower market; the buyers are too well informed to be handled that way any longer.

On the other hand, the man of doubtful responsibility or unsavory record finds it more and more difficult to obtain credit, as the old loose habits give way to correct business methods. For the remarkable progress in cultural skill, too, the improvement in varieties of florists' flowers, and the advancement in gardening art along rational lines, we are deeply indebted to the influence and work of our societies. It was organization that gave us the chrysanthemum shows and made possible the tremendous wave of popularity that flower enjoyed. Organization has in a few years raised the carnation to an eminence which it could not otherwise have reached in our lifetime.

Looking back over ten years and comparing men and conditions as they existed then and as we see them today, there are in evidence a much smaller percentage of those who "know it all." Positive opinions are not so prevalent and instead of the "knowing shake of the head" is seen a healthy desire to learn and to improve. The intolerance that in the past fostered a disposition to mislead the enquirer has given way to a generous spirit that recognizes our obligations one to another, engenders that good feeling between business rivals whereby each recognizes that he, individually, does not hold a patent on all the integrity and that his fellow florist is not necessarily a rascal because he does business on the same street. The incentive in all this is organization which, by bringing us into personal contact with each other, has enlarged our business capacity, strengthened our executive ability and developed our common sense so that, instead of wasting time and effort in trying to pull one another down, we

unite with a will to uplift the whole outfit.

Even this is up-hill work. Deep-seated prejudices cannot be attacked without stirring up opposition and the process of correcting abuses involves trouble for somebody's toes always. In the American Florist of ten years ago last September we read the following: "From its inception the Society of American Florists has been a chosen mark of the critics. At first they would hardly allow it a twelvemonth in which to die and be buried. When that period had passed, a rousing meeting closing the year and a new prediction must be hazarded, they saw swift decay in the rule of cliques and in other dimly outlined evils. The fifth annual meeting just closed has proven no exception in its disappointment of this class. They said the end had been reached and all the changes rung, the florists had learned all the society could teach. What a further disappointment will it be then to know that the universal opinion is that in all that makes the gathering of real benefit to the florist the last is still the best." Well, the S. A. F. is still a very lively corpse and apparently growing more tenacious and invincible every year.

And how has the Philadelphia Club been progressing during all this time? Sorry to remind you of it, and wouldn't do it except for the sake of comparison, but according to the records of the bowling tournament at Buffalo in 1889, Philadelphia had the honor of having made the lowest score in the series—571. Glance at the score books today and tell us whether organization is helpful or not! Invincible with the balls, the gun or the shuffleboard—more trophies in the showcase than are possessed by the whole push of florists' organizations put together—the Philadelphia Florists' Club is a peach and a shining example of what organization and fraternal standing shoulder to shoulder together can accomplish. In Boston our social opportunities in societies and clubs seem to have developed a fondness for good living rather than for athletic diversions, and the only active florists' organization has a banquet at every meeting. Thus we are assured of having every member in that sublime condition consequent upon a well filled interior when he is at the highest degree of geniality. I trust you will not accuse me of unseemly boasting, but I am inclined to think that Boston stands as pre-eminent in gastronomy as does Philadelphia in athletics. Her trophies won in many a hard fought tournament are not to be seen in any showcase, but are evidenced in the ample and constantly increasing waist circumference of her representatives! Yes, Boston is matchless, too, in her own favorite game and she is about to build a horticultural hall big enough to hold all her solid men without crowding and still have room left for our friends from everywhere, whom we hope to be able to welcome on and after May 1, 1901, in one of the grandest edifices ever dedicated to horticulture.

The individual benefits in numberless ways through the wholesome contact with his fellows which organization encourages. How many eloquent orators, how many astute parliamentarians, how many exquisite singers have come to light under the quickening influence of this great developer—entertaining us unselfishly and brightening our existence by their admirable social traits that otherwise might have remained dormant for all time. The evolution of the "Brave Old Duke of York" is alone a triumph sufficient to justify the formation of the Philadelphia Florists' Club, if it never accomplished another thing. Its gifted yet unpretentious exponent has given more genuine pleasure in its tuneful strains, so artlessly rendered, than has been derived from any other social feature of our national gatherings. Philadelphia is well supplied with such congenial spirits. Your grandest trophies are not exhibited in that showcase that adorns your clubroom, but are safely stored in the breasts of a thousand fellow florists who have tasted your boundless hospitality, well lubricated with the good cheer which John Westcott dispenses so liberally. I recall, by the way, that Mr. Westcott, ten years ago, gave it as his opinion that a retailer should make not less than 100 per cent. profit on all flower sales. Wonder whether his views have changed any with the lapse of a half score of years?

Notwithstanding all the good accomplished, there is still plenty to do, many things proposed but not yet a reality. A reliable chart of the hail belt is wanted; all the scoundrels are not yet blacklisted; the imaginative newspaper horticulturist still revels in wonderland and the crape chaser's own door bell is still minus the crape. We are yet without the blue dahlia, although in New York you can now buy the wonderful Tuba rugosa which "blooms in three weeks, thirty-six distinct colors on one plant," for a few pennies. The national flower still blushes unseen, the mealy bug continues regular at his meals, and the eel worm still has a wiggle on. The "floral artist" has not quite ceased to construct steamboats of carnations, nor the landscape artist to build Jacob's Ladders of alternanthera and the "mossback" is growing mossier and mossier and more difficult to stampede as the years roll on.

Organization is a concentrated power. It gives courage to the faint-hearted; under its beneficent rule intellects are awakened to activity, the strong help to sustain the weak and the weak help to encourage the strong; selfishness is eliminated as we learn the humane principle that what concerns one concerns all and our eyes are opened to the utter barrenness of a life where trading and hustling, browbeating and slave driving, untempered with neighborly forbearance, unselfish deeds and kindly consideration for the feelings and welfare of our fellow man, is the one controlling idea.

Help your society; it will help you. The societies are as yet only feeling their way and cutting out their work in the rough. How tremendous would be their power if every florist in the land was enrolled and would undertake to do for the common good as his share even one-quarter as much as he has benefited from the work of others! In the coming ten years we may expect to see a greater proportionate advancement than for the past decade in everything that goes to make our profession honorable and honored. Just how great the stride depends upon individual effort. If our organizations would attain to their highest usefulness, every member should be enlisted as a worker and this can only be done by making our scope so comprehensive that each individual, whatever his circumstances, will see in it something to fit his case.

There are many broad questions and far-reaching issues that can be dealt with much more effectively by the national society than by the local organizations. It is one of the duties that the local club owes to the cause generally and to its members individually, to foster the interests of the national society within its own ranks. This advice, however, is superfluous in Philadelphia. The fullest measure of loyalty and earnest support has here been ever given to the S. A. F. from its inception up to the present moment, and were Pennsylvania's part in the annals of the national organization blotted out, it would be an irreparable disaster. To urge you to show up in goodly numbers at the coming convention in New York is also unnecessary, I know. It goes without saying that if any other city in the country is ambitious for the honor of sending the biggest and merriest delegation to that great event, they will have to do some tall hustling. But you'll make no mistake in coming.

New York is fully aroused and will acquit herself nobly. The enthusiastic support being given to those entrusted with the work of preparation is remarkable. It comes from all sides—rose growers, carnation growers and plantsmen; bulb dealers and supply men, wholesalers and retailers; seedsmen, nurserymen, builders and boiler men—all seem actuated by the same generous rivalry and emulation as to who shall do the most. And the resultant gain to New York floriculture it is impossible to estimate. No doubt there will be some croakers; they are "with us alway." Some men croak incessantly and the only apparent reason is that there's a pleasure in being a croaker which none but croakers know. In spite of them, in spite of their unfriendliness, and our own inevitable mistakes, we have every reason to believe that co-operative and

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Brides and Maids	per 100,	4.00 to 5.00
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Pæonies	per doz.,	$ .50 to $ .75
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fraternal sentiment is stronger today than ever before in the history of American floriculture. Of the past we have a right to feel proud; for our future we have good reason to feel confident. Let us so direct our organized effort that the historian of ten years hence will find in our acts much to praise and nothing to condemn.

BUFFALO.

At last we have had a rain that has done some good and we all feel better. Flowers are very plentiful. Our home grown paeonies are not yet in, but Robert Craig & Son are kind enough to send Kasting a few car loads occasionally, which keeps the market supplied with these showy but short lived flowers.

The warm weather of a week ago has brought in roses rather plentifully and the quality is correspondingly inferior. Carnations are getting rather abundant to be healthy, and some growers have not been able to disbud. which gives them a weedy appearance. It matters not how cheap they are, disbudding pays. Supposing that they bring only 50 cents a hundred when not disbudded, the increase in size will about double them in price when the labor of disbudding is done, and an active man can surely go over three or four thousand a day. It is a tedious job, especially this time of year, when to be out of doors is far more pleasant, but it should be done.

The bedding plant business goes lively on, and will for another week. A Philadelphia man may smile at this and think we are asleep up here, but June 1st is early enough to begin with cannas and coleus, and you can't do it all in two days.

Prof. Cowell is grading up around the South Park conservatory and will make a fine display of bedding on the east and south slopes. It is truly a grand place to make a display.

We never remember seeing a finer lot of bedding plants at the North Park. Capt. James Braik, with the help of hundreds of sash, has an enormous stock in the very best of order, and this week it will be all transplanted to the many small parks of the city and the half-dozen places where our parks make a large display of flower gardening.

It is strange how people in their old age, and sometimes young age, will alter their mind. There is our friend George Troup, the splendidly able and efficient superintendent of Forest Lawn Cemetery, the cemetery that J. Horace McFarland immortalized by such poetic praise during one of his honeymoon trips, and it deserved it all. Well, this Mr. Troup had a few flower beds some fifteen years ago; then he traveled to Boston and there saw bedding plants overdone in one of their fine cemeteries, so he came back disgusted and sodded his few beds over. Then after a lapse of two years he opened his soul again and made half a dozen beds. A few years ago he increased them to a dozen or two, and last year built two fine little houses, "just to raise a few bedding plants, you know." And so it goes, and some of the very best samples of good flower gardening were seen in Forest Lawn last year and this year. We expect the record will be beaten.

But Mr. Troup was largely right in his first ideas, and now he keeps his flower garden display near the lodges and chapels, and by no means scatters them through the beautiful grounds. A bed of scarlet geraniums stuck among a lot of beautiful shrubs, lawn and trees looks like a ten-cent brooch on a beautifully dressed woman. They actually look common and give you an unpleasant jar, like a man presenting a bill that you only "thought" was paid.

Never have I seen the hardy shrubs more beautiful than this year. Many, in fact, most all, of our residence streets have no fence or stone wall to mark the property line, but from the sidewalk the grass runs to the house, perhaps 50 and perhaps 100 feet. And there is the place for the display of our best hardy shrubs and small trees. The season opened with gorgeous bushes of forsythia and Japan quince (cydonia), and since we have had the spiraea and lilac and Judas tree, and we have now the viburnums, the hawthorn, and, if planting has been carefully done, there is always something in bloom or with beautiful tints of foliage. I am not going back on my bread and cheese, but can you blame the residents of these splendid streets for decorating their lawns with these glorious shrubs in preference to the gaudy colored tender exotics that too many florists depend upon for a living? Perhaps it's old age, perhaps it's a more mature taste, but whatever it is, I am in love with the flowering shrub, and when you ride down a street and admire them you are a better man for the pleasure they have given you.

W. S.

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SHAMROCK.—It is, we suppose, quite impossible to produce documentary evidence as to what was the true shamrock, as Saint Patrick forgot to dry any specimens for reference, and left no figure by which it might be determined. The plant most generally accepted by the Irish is Trifolium minus. It is a common plant throughout Europe, thriving on poor soils, and differing from most of the clovers in having heads of small, yellow flowers; the terminal leaflet is raised on a short stalk. Oxalis acetosella is a much more elegant plant, in which the central leaflet is sessile. Trifolium repens, the so-called white or Dutch clover, so named from having been introduced commercially from Holland, frequently does duty for shamrock; it is a common wild plant. Medicago lupulina, which has a leaf similar to that of Trifolium minus, is also sometimes used as shamrock.

BOSTON.

About May 25 the salesmen began a forward movement, buyers generally giving way but fiercely contesting every inch of the ground. Monday morning, taking with them a full supply of ammunition and supplies, except roses, which were conspicuous by their absence, the salesmen charged furiously. Buyers were pushed to the wall and looted piratically. Pinks were not a very formidable weapon, however, being more plentiful than anticipated, and prices bent to 3 cents on first-class goods.

Most anything that looked like a rose bush would bring 4 cents, but the call was limited to those worth over 8 cents, a few going as high as 12½ cents. Lots of candy-tuft, spiraea, stocks, mignonette, lilacs, sweet peas, etc., were used for forage during the fray. It was a great battle and the affrighted soon hid behind the moon during the whole time it was raging, the stars refused to shine and the clouds wept.

Minor changes took place during the next three days. Roses became even more scarce, pinks became rare; other goods held their own and stocks became too plentiful. But what a difference Friday morning! Everything suddenly became plentiful again, and Saturday's crop was of even much larger dimensions, so that there was a heavy street overflow at evening at ridiculously small figures.

The volume of work done upon the 30th was perhaps not quite up to former years, strictly due to lack of goods. But the amount of work obtainable was in excess of other years.

No typable news except that Leslie H. Mann is much improved in health, being up, out and around, and that the Boston school committee decided upon no graduation bouquets this year.

B. T.

SAN FRANCISCO.

Business done on Decoration Day was the best in years; anything in the shape of a flower sold and sold well with handsome profit to grower and retailer. Large quantities of outside stock of all kinds was shipped all over the state, mostly sweet peas, roses, carnations and Calla lilies.

The demand was mostly for sweet peas and Calla lilies. Callas were somewhat scarce and hard to get. Sweet peas were sold out clean in the early part of the day. Choice inside stock did not go so well. The public wanted cheap outside flowers for decorating graves.

Prices: American Beauties, 50 cents to $2; Brides and Maids, 25 cents to $1; Meteors, 25 to 75 cents; Perles and Siebrechts, 25 to 50 cents; Kaiserins, 40 cents; La France, 15 to 25 cents; Cecil Brunners, 2½ to 5 cents per doz. Carnations: Hobarts, 75 cents; Crocker, 50 to 75 cents; Schwerins, Bradbury and Bradts, 40 to 50 cents; Nuggets, 35 to 40 cents; Hill, 25 to 50 cents; Scotts, 25 to 35 cents; Portia, 15 to 25 cents. Harrisii, $1.50 to $2.50; sweet peas, $1 to $1.25 per doz. bunches; gladiolus, $1 to $2 per 100; Callas, $1 to $2 per 100.

Sanborn, Oakland, Cal., had a fine batch of Harrisii that came just in time for Decoration Day.

E. Gill, Oakland, Cal., reports a large shipping done by his firm for Decoration Day.

Sievers & Borland had a fine window display Decoration week.

Stevenson, on Powell street, disposed of a large quantity of sweet peas which were grown at his nurseries at Millwood, Cal. He reports that his share of business was never better.

J. N.

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DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

EDWARD B. JACKSON,
Wholesale Florist.
HARDY HERBACEOUS PLANTS ONLY.
In any quantity for the least money.
STAMFORD, CONN.
Mention The Review when you write.

We are the Oldest, Largest and Most Reliable Cut Flower Commission House in the West.

CUT FLOWER PRICE LIST.

	Per doz.
Beauties, long	$3.00 to $4.00
" medium	2.00 to 3.00
" short	.75 to 1.00
	Per 100.
Perle	$3.00 to $4.00
Bride, Bridesmaid	3.00 to 6.00
Meteor	3.00 to 6.00
Roses, our selection, assorted	3.00
Carnations, extra select fancy	2.00 to 2.50
Fancy Stock	1.25 to 1.75
Medium Grade	1.00 to 1.50

Klehm's Nurseries are putting up 5,000 doz. PAEONIES for us for SCHOOL CLOSINGS. We guarantee to ship them safely to any part of the United States.

KENNICOTT BROS. CO.

42 and 44 East Randolph St., CHICAGO, ILL.

CUT FLOWER PRICE LIST.

	Per 100.
Smilax	$15.00 to $18.00
Callas and Harrisii.	10.00
Daisies	.50 to 1.00
Mignonette	1.00
Lily of the Valley	4.00
Alyssum	.25
Sweet Peas	.40 to .75
Pæonies	3.00 to 5.00
Corn Flower	.40
Common Fern	.25
" " per 1000	2.00

This year's customers must be ours next year. The VALUES we give are our best advertisements.

Mention The Review when you write.

Rose Plants

Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES, 3-inch, $4.00 per 100; $35.00 per 1000. 2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

3309 N. Western Ave., CHICAGO, ILL.

Mention The Review when you write.

Cut Flowers.

VALLEY for the June Brides.

AMERICAN BEAUTIES a Specialty.

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., - Milwaukee, Wis.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON, LA FRANCE, AMERICAN BEAUTY, PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4 inch pots, $12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET, PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

GOLDEN GATE ROSES, Thrifty stock, from 2½-inch pots, **$4** per 100; **$35** per 1000.

'MUMS, From 2½-inch pots. **Mrs. Henry Robinson, Mrs. O. P. Bassett, Major Bonnaffon, Frank Hardy, Ivory, $2.50** per 100. **Willowbrook,** best early White, **$4** per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

The FLORISTS' MANUAL by WILLIAM SCOTT

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.

PLEASANT HILL, MO.

This has been the busiest spring season in many years. Decoration Day trade was immense.

Geo. M. Kellogg is building three houses, each 31x250, which will each have four benches 5 ft. 3 in. wide. He is also building three houses, each 20x70, for chrysanthemums and violets.

He has half of his roses already planted and everything looks favorable for an excellent season. G.

NASHUA, N. H.

A. Gaedeke & Co. have admitted Mr. E. Ray Shaw to the firm. Mr. Shaw takes a third interest. Their new buildings—four houses, each 20x100—are fast nearing completion.

Geo. E. Buxton is building a new carnation house, 20x125, for the accommodation of his new varieties.

J.

MORRIS, ILL.

Mr. A. Mitting, secretary of the Morris Floral Co., will start next Monday for Europe and expects to be home again Sept. 1st. It is now possible that he will retain his position with the Morris Floral Co.

SAMUEL S. PENNOCK. **Wholesale Florist**

Until further notice, will be open from 6:30 a. m., to 10.00 p. m.

American Beauties and Valley Our Specialties. **1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

PITTSBURG.

Rain at last and a soaker, too. Carnations and the other crops in field are looking fine. Most of the paeonies came a little late for Decoration Day. It would have paid some of the florists to have watered them, as good prices could have been realized. Florists who depend on cisterns and springs for their water supply were compelled to use it sparingly the last two weeks before the rain came.

Cut flower trade has been good the past week, stocks cleaned up at good prices for quality. A good deal of funeral work was done.

Bentenstein & Flemm, corner Market and Liberty streets, maintain a tasty window display and report business good. A. W. Smith also keeps up a good display at his large store.

Hartmann Bros. are reported as about ready to give up their greenhouses in the Tenth ward, Allegheny, intending to go to the woolly west.

G. C. Reineman is going to Mt. Clemens, Mich., the Mecca for all sufferers of rheumatism.

Henry Phipps, Jr., the donor of the conservatory at Schenley Park, has donated $20,000 for a building for the use of the pupils of the public schools in which to study botany in connection with the conservatory at Schenley Park. The idea is to have the material right at hand for the school. Plans are now being prepared.

BAER.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—A good single man for general greenhouse work; retail place; must not be afraid of work; only steady man wanted; wages $25.00 per month with board and room; more if suited. Address Work, care of Florists' Review.

WANTED—A good all round greenhouse man, married or single. Give reference and state wages. Jacob Russler, 102nd and Butler Streets, Chicago.

FOR SALE—One-half interest in the business, or for rent, two up-to-date greenhouses, 20 x 50 feet each; everything new and in good running order, in a lively western city; a good opportunity for a first class florist to make money; no competition; 7000 inhabitants; best reason for selling. Address C, care Florists' Review.

FOR SALE—Greenhouses with 10,000 ft. of glass and 5 lots 125 x 25; steam heat and well stocked. In Chicago. Address 10, care Florists' Review.

FOR SALE—A well established flower store in Chicago; reason for selling, sickness. Address 25, care Florists' Review.

WANTED—Place for two boys, age 17, to finish their trade; one has worked two years in greenhouses and on lawns; the other one year; they are good strong boys, not afraid of work. Address J. F. Brown, Florist, S. and S. O. Home, Knightstown, Ind.

WANTED—Position as manager of first class florist business by competent young man; married; can write former and present employers for reference; also want references from prospective employer; life experience in store and greenhouse work; used to handling help. Write Commercial, care Florists' Review.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

WANTED—A trained florist, to work on shares a place of about 4,500 square feet of glass in northern Ohio; the place is a paying one and the right man can make it better; if he is the right man he can have the entire management, and he can make more than good wages; but he must have A1 references; this is a good chance for a young man. Address Fairchild, care Florists' Review.

WANTED—Experienced man for teas and mum stock to work under foreman. Salary $25 00 and board per month to begin with. Poehlmann Bros., Morton Grove, Ill.

WANTED—Florist, must be sober, industrious and good designer. Write, stating experience and wages with board. D. C. Noble, Columbia City, Ind.

WANTED—Second-hand 4-in. soil pipe and fittings; must be in good usable condition; also can use a 20-horse power boiler of horizontal pattern. Address D. C. Noble, Columbia City, Ind.

SITUATION WANTED—A permanent situation as manager of commercial place, new one preferred Will be at liberty July 1. Am up-to-date in every department. North-eastern Pennsylvania preferred. Address Practical, care Florists' Review.

WANTED—A few good men as assistant rose growers and helpers. Apply to Bassett & Washburn, Hinsdale, Ill.

WANTED—Immediately, a willing young man, between 19 and 25 years old, who has had two or three years' experience in rose houses; wages $25 and board per month; steady employment. Address G. O. Wilson, Fruitvale, Alameda Co., Cal.

WANTED—Two young men, able to take charge of a range of rose houses; must be experienced; references. Apply Emil Buettner, Park Ridge, Ill.

WANTED TO RENT—A place in good condition of from 4000 to 6000 ft. of glass. Address Scotch, care of Florists' Review.

FOR SALE AT BARGAIN.

8 Greenhouses nearly new, hot water heat, dwelling, office, 4 lots. **A SNAP** if sold soon. Good reason for selling. **HENRY DIERS, Sibley, Ill.**

FOR SALE at a great sacrifice.

STOCK OF PLANTS AND SIX GREENHOUSES with latest improvements, steam heat, etc.; opposite cemetery; large ground fronting main street in prosperous town close to Chicago; street car passing the door; best opportunity to secure excellent investment and well-paying business. Reason for selling owner going to Europe. **S. SCHALLMANN & CO.,**

Room 1204, 138 Washington St., CHICAGO.

FOR SALE.

240 acres of land on Isthmus of Tehauntepec, State of Vera Cruz, Mexico.

For full particulars write

ROLAND HUGHES,

846 New York Life Bldg., KANSAS CITY, MO.

Mention The Review when you write.

JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE 'PHONE 2985.

We Command a Good Market.

Consignments Solicited.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

FOR SALE!

THE MORRIS FLORAL CO.,

At MORRIS, Illinois,

61 miles west of Chicago, doing a retail and wholesale business. Incorporated 1897. Doing a business that increased every year; increase of business over 1899 was $1,282.61 up to April 1, 1900. Reason for selling: A. Mitting, present secretary and manager, retiring, and there is no one else in the company who understands the florist business. The plant, with 2 houses, barn and 6 acres of land, cannot be built for $20,000 to-day. If you mean business, come and see it. Terms, $3,000 cash, balance good paper. For sale to the highest bidder. All bids will be opened on July 1st by the directors.

A. MITTING, Secretary.

Morris, Ill., May 15, 1900.

FOR SALE.

A fine farm of 439 acres of rolling land, under cultivation. A fine dwelling, good water, plenty of fruit trees. An excellent opportunity. Write for particulars. Price **$5,500 00.**

A large plant situated in a large town in Ohio. 60,000 feet of glass. A modern place fully equipped and stocked. Three dwellings; city store, furniture and equipments. Reasons for selling and price will be furnished on application.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 869.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3.00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	8.00
Golden Wedding	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

Chrysanthemums

FOR ALL PURPOSES.

NOVELTIES AND STANDARD VARIETIES....

Send us a list of your wants for LOWEST CASH PRICES.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

CHRYSANTHEMUMS!!

Cullingsfordii	Mrs. Jerome Jones
Glory of Pacific	Mrs. S. T. Murdock
Minerva	Mme. F. Bergmann
Ivory	Rose Owen
Mrs. J. G. Whilldin	The Queen

And other varieties from 2½-in. pots, $2.00 per 100.

Aster Semple and Victoria Plants, from seed bed, 25 cents per 100, $2.00 per 1000.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

INCREASE YOUR SALES

CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

W. E. HALL, Clyde, O.

E. G. HILL & CO., - - Richmond, Ind.

Mention The Review when you write

Always mention the Florists' Review when writing advertisers.

NEW CARNATIONS.

We are now ready to receive orders for strong rooted CUTTINGS.....

GEN. MACEO, G. H. CRANE, GLACIER, MORNING GLORY. $1 per doz., $6 per 100, $50 per 1000.

GEN. GOMEZ, MRS. G. M. BRADT 75c per doz., $5 per 100, $40 per 1000.

WHITE CLOUD, GOLD NUGGET 50c per doz., $4 per 100, $30 per 1000.

MRS. JAS. DEAN, $3 per 100, $25 per 1000

MRS. THOS. W. LAWSON, $3 per doz., $14 per 100, $120 per 1000

OLYMPIA, $2 per doz., $12 per 100, $100 per 1000

THE MARQUIS, GENEVIEVE LORD, ETHEL CROCKER $2 per doz., $10 per 100, $75 per 1000

25 at 100 rate. 250 at 1000 rate.

We have Fine Large Stocks and will deliver only Fine, Strong, Well-Rooted Cuttings.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

SMILAX

From Pots, Ready Now.

$1.50 per 100; $15.00 per 1000.

Asparagus Plumosus

From 3-in. Pots, ready July 15th. $6.00 per 100; $50.00 per 1000.

You will make no mistake in sending me your order. This stock is of the same high quality as that furnished last season. Samples furnished to new customers if desired.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

While They Last.

40,000 .. GERANIUMS .. 40,000

Geraniums, strong 2½-in, choicest varieties in cultivation, true to name: S. A. Nutt, Bruanti, La Favorite, White Swan, Mrs. J. M. Gaar, Frances Perkins, Mme. Bruant, Mrs. E. G. Hill, Beaute Poitevine, Athiete, American Wonder and Mme. Jaulin. These are all strictly first-class bedders. All orders will be filled the day they are received at $2.75 per 100; $25.00 per 1000. 500 at 1000 rate. Rose, strong 2½-in., 2¼c; strong 2 in., 2c. Mme. Salleroi, strong 2-in., $1.50 per 100. **First come, first served.**

20th Century Verbenas and the choicest collection of dble. fringed **Petunias,** strong 2-in., $2.50 per 100.

Coleus, strong, 2-in., choicest varieties, $2.00 per 100.

Fuchsias, rooted cuttings, 10 choicest varieties, $1.00 per 100: 2-in., 2c.

25,000 2½-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, $3.00 per 100. Kaiserin and Golden Gate, $4.00 per 100. Guaranteed satisfactory in every respect.

Smilax, strong seedlings, 50c per 100; $4.00 per 1000 by mail. Extra strong 2-in., $1.25 per 100; $10.00 per 1000.

Vincas. 500 large 4-in. and 5-in. pot plants at $1.00 per doz., to make room; strong 2½-in., 3c.

Asters. New Giant Comet (true), lavender, pink and white and pure white, strong 2-in, $1.50 per 100.

Cash with order.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Always mention the Florists' Review when writing advertisers.

Smilax.

Fine plants, 2-in. pots, $8.00 per 1000. Per 100 $1.00

Asparagus	Sprengeri, 2-in. pots	3.00
	Plumosus Nanus	4.00
Primroses,	July 1, Chinese, Forbesi, Obconica, Grandiflora and Rosea	2.00
Pansy Seed,	large flowering, August 1, per oz	4.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention The Review when you write.

Orders Now Booked for Fall Delivery of.....CARNATION PLANTS...

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

Carnations.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100, $20.00 per 1000.

Geraniums. Plenty of S. A. Nutt and Bruanti, $6.00 per 100; also a few mixed at same rate; 3-inch pots, $3.50 per 100.

Crimson Ramblers, in bud and flower, 6-inch pots, 50c a piece.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

FIELD GROWN CARNATIONS

Orders booked now for fall delivery.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Six leading sorts, $2.00 per 100.
The Good & Reese Co., Springfield, O.

Abutilon Souv. de Bonn, 3-in., $4.00 per 100.
Geo. L. Miller, Newark, Ohio.

ACALYPHA.

2000 of two of the best dark varieties for bedding; well-grown plants, in 3½-in. pots.
A. Wolimers, 215 25th St., Brooklyn, N. Y.

Sanderi, 3½-in., $8.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Acalypha Sanderi, 2½-in., 75c a doz.
The Good & Reese Co., Springfield, O.

Acalypha Marginata, 2½-in., $4.00 per 100.
McGregor Bros., Springfield, Ohio.

AGERATUM.

Three kinds, Princess Pauline, blue, white and variegated, $2.00 per 100.
The Good & Reese Co., Springfield, O.

Blue and white, 2-in., $2.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

ALTERNANTHERA.

P. Major and A. Nana, from 2-in. pots, at $2.25 per 100, and $20.00 per 1000. Cash please. H. Stahlhut, New Lots Road & Shepherd Ave., Brooklyn, N. Y.

Alternantheras, Red and Yellow, 2-inch, at $2.00 per 100. John F. Horn, 20 North Sixth St., Allentown, Pa.

2-in. pots, P. Major, $1.75 per 100; A. Nana, $1.50 per 100 cash.
C. A. Harris & Co., Delanson, N. Y.

Alternantheras, red and yellow, 50c per 100; $4.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

Alternantheras, 2¼-in., $2.50 per 100.
Greene & Underhill, Watertown, N. Y.

ALYSSUM.

5,000 Alyssum (Carpet of Snow), new, much dwarfer and better bloomer than Little Gem, out of 3-in. pots, $3.00 per 100. Cash. Samuel V. Smith, 59 Goodman St., Rising Sun, Philadelphia, Pa.

Double Sweet Alyssum, $2.00 per 100.
The Good & Reese Co., Springfield, O.

Sweet Alyssum, 2-in., $3.00 per 100.
McGregor Bros., Springfield, Ohio.

ANTHERICUM.

Anthericum Honterinum, in 4-in. pots.
A. Wolimers, 215-217 25th St., Brooklyn, N. Y.

ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Sprengeri, 2-in., $3.00 per 100. A. plumosus nanus, 2-in., $4.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Plumosus, from 3-in. pots, ready July 15, $6.00 per 100; $50.00 per 1000.
A. M. Herr, Lancaster, Pa.

Sprengeri, 2½-in.. $3.50 per 100; $30.00 per 1000. John A. Doyle Co., Springfield, O.

Asparagus plumosus nanus clumps, $15.00 per 100. Groves Bros., Carthage, Ohio.

Sprengeri, 2-inch, $3.00 per 100. C. Eisele, 11th & Jefferson Sts., Philadelphia, Pa.

Sprengeri, 2½-in., $2.00 per 100.
The Good & Reese Co., Springfield, O.

Sprengeri, 3-in., $8 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

20,000 Asparagus plumosus seed, crop of 1900.
Cottage Nursery, San Diego, Cal.

ASTERS.

Semple's Asters, separate colors, $2.75 per 1000; mixed, large percentage whites, $2.00 per 1000; Queen of the Market (earliest), mixed, $2.50 per 1000. Express paid. A. & G. Rosbach, Pemberton, N. J.

Asters, in pots, $1.00 per 100. Victoria and Truffauts, mixed; Semple's, 5 colors; Giant Comets, 4 colors.
J. B. Shurtleff, Jr., Revere, Mass.

Strong plants of Semple's, Vick's, Ostrich Feather, Queen of the Market, Truffaut's, 35c per 100; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.

Asters, new giant comet, lavender, pink and white and pure white, strong 2-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Asters, fine transplanted plants. Peony Perfection and Victoria, mixed and white, $1.00 per 100. H. S. Baker, Warsaw, N. Y.

Semple and Victoria plants, from seed bed, 25c per 100; $2.00 per 1000. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Semple's asters, white, shell-pink and lavender, 25c per 100; $2.00 per 1000.
Mrs. W. F. Griswold, Worthington, Ohio.

Semple's asters, 4 colors, strong plants, 35c per 100; $2.00 per 1000; delivery free.
E. A. Wallis, Jenkintown, Pa.

Strong plants, Queen of Market, White and Mixed, at $1.00 per 100.
J. W. Howard, Woburn, Mass.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, $4.00 per 100 by mail; $25.00 per 1000. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BASKET AND VASE PLANTS.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; $4.50 per 100.
The Calla Greenhouses, Calla, Ohio.

Mexican primroses, good for vases, $3.00 per 100. McGregor Bros., Springfield, Ohio.

Maurandya vine, 2¼-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

BEDDING PLANTS.

Bedding Plants. Over 100,000 of them. Large assortment at remarkably low prices. Out of 4-inch pots at $5.00 per 100: Geraniums (mixed), ageratum (blue), calendula, heliotrope, scarlet sage, fuchsias. Out of 2½ to 3-inch pots at $3.00 per 100: Petunias, Phlox Drummondii, coleus (all sorts except Verschaffeltii), sweet alyssum, alternanthera (red and yellow), verbenas, musk, thunbergia, Pyrethrum aureum, dusty miller, Kenilworth ivy. All pots taken off unless mentioned that pots are wanted.
Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa. Importer and wholesale grower of pot plants.

Geraniums, 4-inch pots, $6.00 per 100. Petunias, fringed varieties, 4-in., $5.00 per 100; 3-in., $3.00 per 100. Artillery Plant, 4-in., $5.00 per 100. Vernon Begonias, red and pink, 2¼-in., $2.00 per 100. Coleus, Golden Bedder and Verschaffeltii, 2¼-in., $2.00 per 100; in variety, 2¼-in., $1.75 per 100; rooted cuttings, 60 cts. per 100. Alternanthera, red and yellow, 2¼-in., $1.75 per 100. Mammoth Verbena, 3-in., $3.00 per 100. Sweet Alyssum, Little Gem, 2¼-in., $2.00 per 100. Trailing Lobelia, blue, 2-in., $1.20 per 100. Satisfaction guaranteed. Low expr. rates. J. S. Bloom, Riegelsville, Pa.

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I have a few Dracaena Australis. Broad, green leaves, strong seedlings grown in open frames. I offer them at $10 per 1000, $1.25 per 100. They make a fine decorative plant, and are superior to the Indivisa for all purposes. Worth three times this money if potted.
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Indivisa, 3-in., $5 per 100. Cash.
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Nephrolepis cordata compacta and Boston fern, 2-in., $4 per 100. Cash.
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Ficus elastica, rubber plant, from top cuttings, 12 inches high, 25c each; $3.00 per doz.
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Elastica, 2½-in., doz., $3; per 100 $20.
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Fuchsias, rooted cuttings, 10 choicest varieties, $1.00 per 100; 2-in., $2.00 per 100.
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Fuchsias, 2¼-in., $4.00, 3-in., $6.00 per 100.
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Geraniums, 2½-in., S. A. Nutt, B. Poitevine, Riccard, Grant and La Favorite, ready for 4-in., $3.50 per 100; 4-in., $6.00 per 100. Cash with order, please. A. Nelson, Notch Road, Paterson, N. J.

Mme. Salleroi Geranium, 3-in., $3.00 per 100. Strong, bushy Heliotrope, Geraniums and Fuchsias, 4-in., $7.00 per 100. Periwinkles, 2-in., $2.50 per 100. Cash with order. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

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Geraniums, well established plants, 2½-in. pots, best varieties, double and single. Our selection, $2.50 per 100; $20.00 per 1000. Ivy Geraniums, best double, $2.50 per 100.
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Inch pots.	Inches high.	No. lvs.	Price each:	Per 10.	Per 100.
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These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
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10,000 excellent, stocky 4-in. latanias, ready for shifting, $20.00 per 100; $190.00 per 1000. Walter Retzer & Co., successors to Albert Fuchs, 2045-59 Clarendon Ave., Chicago.

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I have the following surplus roses in strong plants, from 2½-in. pots, in fine, healthy condition: Archduke Charles, Agrippina, Bon Silene, Bride, Beauty of Stapleford, Bridesmaid, Climbing Perle, Clara Watson, Christine de Noue, Catherine Mermet, Devoniensis, Enchantress, Ernest Metz, Francois Kruger, Gen. Lee, Golden Gate, Henry M. Stanley, Hermosa, Kaiserin Augusta Victoria, La Princess Vera, Mme. Camille, Mme. Margottin, Mme. Lombard, Marie Guillot, Marie Van Houtte, Maid of Honor, M. Niel, Mozella, Mme. de Chateney, Princess de Sagan, Pink Soupert, Valle de Chamonix, Snowflake, Yellow Rambler.
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Roses. Price per 100: Marie Van Houtte, $2.25; Duchess Brabant, $2.25; Purple China, $2.25; Clothilde Soupert, $2.25; Maman Cochet, $2.25; Mme. F. Kruger, $2.75; Bridesmaid, $2.75; Perles, $3.00; Golden Gate, $3.00; Kaiserin, $3.00; Christine de Noue, $2.25; Marie Guillot, $2.25; Mrs. DeGraw, $2.25; Yellow Soupert, $2.25; White Maman Cochet, $2.25; Crimson Rambler, $2.75; Meteor, $2.75; Sunset, $3.00; La France, $3.00; Gruss au Teplitz, $5.00. All above 2½-inch pot stock. Also 30 other varieties and miscellaneous stock. Send for list. 2-year-old Crimson Ramblers from 4-inch pots, $8.00 per 100.
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Healthy roses in perfect condition. Brides and Bridesmaids, per 100, $3.50; per 1000, $30.00. From 2½-inch pots, 500 at 1000 rates. Cash with order.

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Brides, Maids, Meteors and Perles, 2½-in., $3.00 per 100. Kaiserin and Golden Gate, 2½-in., $4.00. Guaranteed satisfactory in every respect.

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Roses. 3 and 3½-inch pots, $5.00 per 100; $45.00 per 1000. Bride and Bridesmaid, extra strong plants. Rhode Island Greenhouses, Pawtucket, R. I.

2000 first class Brides and Maids in 3-inch pots at $4.00 per 100; $35.00 per 1000. Grown for our own planting.

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Bride, Bridesmaid, C. Soupert, Etoile de Lyon, Meteor, La France, $2.00 per 100; $20.00 per 1000. Cash.

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Roses. 1000 Brides, 3-inch pots; 500 Bridesmaids, 3-inch pots. Strong, clean plants, well grown, $4.00 per 100. Cash with order.

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Brides, Bridesmaids and Perles, in 2 and 3-in., and Meteors, in 2½ and 3-in., at $3.00 and $4.00 per 100. Good, strong stock.

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Perles, 2½-in., $3.50 per 100; $30.00 per 1000. All in A1 condition. Finest stock in the market. Wietor Bros., 51 Wabash Ave., Chicago.

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300 Bridesmaid, 150 Brides, 150 Perles, 2½-inch pots, $2.50 per 100. Cash. Good, clean stock. John White, Florist, Elizabeth, N. J.

Kaiserin, "grafted," 3-in.; Beauty, "own roots," 3-in. All fine, clean stock. Send for prices. Robert Simpson, Clifton, N. J.

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Crimson Rambler in bud and flower, 6-in. pots, 50c apiece.

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Surplus roses. Cheap to close out. Kaiserin, Bride, Maid, Morgan, Carnot.

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Hardy roses in great variety.

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Gen. Jacqueminot, 5-in. pots, $15.00 per 100.

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Perles, 2½-in., $3.00 per 100.

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500 Salvia Splendens in 3-in. pots. In bud and bloom, 8 to 12-in. high, $4.00 per 100. Cash with order.

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Splendens. from 4-in. pots, $6.50 per 100, packing included. D. Landreth & Sons, 1001 Market st., Philadelphia, Pa.

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The Good & Reese Co., Springfield, O.

Salvia, 2¼-in., $3.00, 3½-in., $6.00 per 100.

Greene & Underhill, Watertown, N. Y.

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New Primula Sinensis Fimbriata. Pure white, rose, blood-red crimson. 100, 25c; 1000, $1.75. Coerulea, True Blue. 100, 30c; 1000, $2; Dbl. Primula, in above colors, 100, $1.

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Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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We are headquarters for Sphagnum. Just received several carloads.
Per bale, $1.00.
Six bales, $5.00.
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Write for prices on large quantities.
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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
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We are headquarters for Wire Work.
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Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

PHILADELPHIA.

A majority of the florists of this city are well pleased with the way stuff sold for Memorial Day. Everything sold well and there were very few flowering plants left over. Memorial Day was followed by commencements, which served to make the week a busy one.

Pennock Bros. have been very busy the past week, having the decorating for a number of commencements as well as a large amount of funeral work.

Robert Crawford will make extensive alterations in his store and greenhouses this summer.

Mr. John C. Gracey, proprietor of the Woodford Floral Exchange, 2025 Columbia avenue, is about to enter upon the sea of matrimony, the fortunate girl being Miss Hattie McMillan. The event will take place on Wednesday evening, June 20. The honeymoon will be spent in Washington, D. C.; returning, they will reside at 2315 Nicholas street, this city. Mr. Gracey has successfully conducted business for the past twelve years at his present stand.

H. H. Battles had the decorating for a swell wedding at Riverton, having both the house and church to decorate.

Prices: Beauties, 75 cents to $3 per dozen; Brides, Maids, Kaiserins, Meteors, $3 to $6 per 100; Perles, $2 to $5; Golden Gates, $3 to $6; carnations, ordinary $1 to $1.50, fancy $2, Crocker $2 to $2.50 per 100; callas, $8; daisies, 50 cents to $1; valley, $2 to $4; sweet peas, 35 to 50 cents; cuneatum, 75 cents to $1; asparagus, 50 cents; smilax, 15 to 25 cents; cornflowers, 25 to 50 cents per 100. R.

BALTIMORE.

Three Private Places.

The three show places on the west side of this city are those of Mrs. Robert Garrett on Edmonson avenue, Mr. Bernard N. Baker and Mr. Theodore Lurman, near Catonsville. The Lurman place was long one of the few examples of the formal style of gardening, with topiary work, flower gardens enclosed with high hedges, and vegetable gardens and frame yards surrounded by stone walls, and the glass houses of a style going back to the earlier part of the century. There are many noble specimens of evergreens and deciduous trees, notably some Norway spruces of majestic stature and reach of limb, gigantic copper and cut leaved beeches and plantations of rhododendrons of great size, unimpaired vigor and brilliant flowers, their great age notwithstanding. For many years these gorgeous flowers, the geometrical flower beds, the trees and hedges trimmed into fanciful shapes, and the graveled walks, all charmingly kept, gave an unique character to this place, and it is to be regretted that the taste of the present owner does not incline to a perpetuation of its unmatched specialties. There is a prospect from the house unexcelled in scope and beauty, taking in broad views of the river and bay and parts of three counties, forest trees of unusual height, with some neat bedding around the dwelling, but the old-time and distinctive features are being allowed to lapse into desuetude. Mr. Charles Bassett is the gardener here, showing taste and skill. His predecessor for, we believe, quite fifty years, was Frederick Fauth—a length of service in one garden rarely paralleled in this country.

Uplands, the country seat of Mrs. Garrett, is probably not only the most finished place artistically, but it is adorned by a greater variety and more mature specimens of rare and well-grown trees than any other in Maryland. At the base of the landscape work, as should be, is a system of perfect roads, admirably laid out and thoroughly constructed. Architectural features are furnished by a handsomely designed entrance way, bridges and terraces, not pretentious work overtopping the gardening, but serving as opportunities for the exercise of the gardener's art, which by taste and knowledge produces beautiful effects, softening and adorning the constructions of brick, stone and iron. The resultant beauty of this fine estate is largely due to the palpable unity of design in the work, the ample and dignified sweep of the roadway, the planting so done as to make broad, deep bays, and vista succeed vista, so that every beautiful view, remote or near, is secured, when the plantations on the border of harmonizing trees and shrubbery are so managed as to shut out the public thoroughfares and give security and privacy to the grounds and drives. In short, that skill most lacking in all planting has been well displayed, that it is done not for to-day, but for the future, not for present effect, but for results when the trees have grown and spread.

Space would fail us, even were it not beyond the purview of this correspondence, to name the many examples of rare trees and notable specimens of the commoner ones. A fertile soil and intelligent care have produced results which only issue from skillful initiative in planting and true arboricultural zeal. The happy consummation in this instance was largely due to Mr. John Cook, who, having long been gardener on this place (then Mr. Frick's), knew its possibilities, knew every part of its surface, and who, when called upon to undertake its improvement on a broad scale, gave his best thought to the task, with the outcome now seen. His was, indeed, the eye of the artist and the hand of the master. Mr. Holden is now the gardener in charge at Uplands, and has been for some fifteen years. Under his efficient hands the improvements do not flag, and every department, the lawn and beds, the plant and forcing houses, all show the best outcome.

It is evident that Mr. B. N. Baker intends his fine estate shall be behind none in any branch of decorative gardening. A mansion of imposing proportions is surrounded by well kept lawns, brilliant flower beds and trees of beautiful form and foliage. Building is still going on, roads being constructed and the plant houses remodeled. Mr. Henry Fauth is gardener here and has been since 1858. For energy, intelligence and zeal in his calling he has no superior, as his work and the neatly kept place abundantly testify.

Notes.

Trade for the week ending at this date, June 4th, has kept up with unusual vivacity. Of course there are alternations of activity and depression; a great avalanche of flowers is upon us and prices are necessarily affected thereby, but good stock is in demand, especially good roses, and will bring fair figures all along. We have now reached the era of June weddings and June commencements, and these, with the funeral work, make a steady and generally distributed demand.

We met here to-day Mr. Benjamin Durfee, of the American Rose Company of Washington. He was buying paeonies and sweet peas. He reports trade at the national capital as remarkably brisk for the season. Mr. Durfee was in Baltimore also last last week laying in a stock of cut flowers for Decoration Day, which makes heavy demands on the trade in Washington. Here it scarcely created a ripple in our market. Indeed, pretty much all that is done on that day by the florists is in the line of patriotism, and not for profit.

RIX.

KANSAS CITY, MO.

Various Items.

The past week was a record breaker from a business standpoint for this season of the year; never before were so many flowers used for Memorial Day and school commencements.

A visit to one or two of our leading stores last Wednesday reminded one of the Easter rush, and double the amount of stock could have been sold. Paeonies were the only out-door flower which could be used to any great advantage.

It is to be regretted that this climate is unfavorable for the production of better herbaceous stock. Roses cut from the garden are of no commercial value this year; the cause is not from drouth or heavy rains, but too much Missouri "hot air."

The summer bedding is about completed and an increase in the use of lawn vases and veranda boxes is noticeable. Humfeld Floral Co. report doing double the business of last year. Paul Ducroit says: "Sold out clean; regret I did not have a larger supply." Albert Barbe, near Elmwood cemetery, had to buy heavily for his increasing plant trade. Mr. Barbe was unusually successful in growing roses last winter and is now adding 10,000 feet of glass for roses exclusively. He realizes that we have a great market here for cut flowers and his thrift is commendable. We have competition enough, but more glass is needed.

Probably the busiest men in town are Robert Brown & Son, Prospect avenue. This firm's specialty is young rooted stock of all kinds; every inch of their well arranged place is utilized and their shipping trade is enormous.

HARRY JIM.

INDEPENDENCE, MO.

This pretty little town of ten thousand inhabitants lies ten miles east of Kansas City, and 'twas near here that Alfred Broman four years ago purchased a ten-acre farm and built his first greenhouses. This venture proved a big success from the start. Last year he added 4,000 feet of glass and this summer is building an additional range of 5,000 feet, giving him

a total of 20,000 feet. He makes a specialty of high grade cut flowers, shipping his entire cut to Miss Dalley of Kansas City. Mr. Broman hitched one of his "Hybrids" to a new double seated, rubber tired "Boulevard" and drove the writer several miles through a beautiful country which is under the highest state of cultivation.

From all reports and observations, fruits of all kinds promise an abundant yield, the first time in five years. Calling on Ed. Bunyar, who owns 5,000 feet of glass, we found that ambitious young man busy packing and shipping small bedding stock, for which he finds a ready market in the surrounding town. Ed. is an expansionist and has bought an adjoining lot of five acres in anticipation of increasing his plant in the near future.

R. B. Tindall owns a neat little place in the center of the town and caters to the retail trade. H. J. M.

GRAND RAPIDS, MICH.

The weather has been very erratic the past two weeks, part of the time roasting hot, then a spell of cold, raw, rainy weather, that necessitated night firing for roses. At present it is regular July style of heat, with cold nights.

Business for Decoration Day was fine, the demand being far in excess of the previous year, with this peculiarity: there was an enormous crop with which to meet it, the first occasion of its kind in several years at which the supply was as great as this year; and everything sold out close. Mulick Bros. with a load of hanging baskets, carnations and sweet peas, stood at the corner of the street leading to the cemeteries, where the car line stops, and found a ready sale for cut flowers.

A Chicago Greek has commenced operations at a down-town curb stone and wonders why he could not at Decoration Day time get carnations here at 50 cents a hundred, same as he could in Chicago. It is predicted his curb stone operations will be short lived.

There are more window boxes and baskets than ever seen, it being all the style to have three to five baskets and a couple of boxes for porch adornment. The supply of carnations is now far in excess of the demand, with quality good, considering the extremes of weather. Roses are growing smaller and the price has dropped a notch. Very good roses bring $1; shorts, 75 cents; carnations, 25 to 35 cents per dozen. The S. A. Nutt and Bruanti geraniums seem to be the most in demand, particularly S. A. Nutt, over two-thirds of the geraniums sold being that color.

B. E. Wadsworth, of Toronto, Canada, has charge of Crabb & Hunter's greenhouses as foreman. Otto Baumann, of Manistee, was a recent visitor, also Frank A. Goecke, of the Petoskey Floral Co.; both report trade very fine. G. F. CRABB.

PUTTY.

Mr. C. Lawritzen, the florist of Rhinebeck, N. Y., has been using a German made putty, which has proved so durable and otherwise satisfactory that he has decided to offer it to the florists of America.

CALADIUMS.

A catalogue devoted entirely to fancy caladiums has reached us from John Peed & Son, London, Eng. Almost 200 varieties are described and priced. This firm seems to make the caladium an important specialty.

THE NURSERYMEN.

The twenty-fifth annual meeting of the American Association of Nurserymen will be held at the Chicago Beach hotel, Chicago, next Wednesday and Thursday, June 13th and 14th.

COLUMBIA CITY, IND.—D. C. Noble is adding new glass and when building operations are completed he will have three modern houses each 18x100. Mr. Noble was in Chicago this week buying the building material.

WEST HOBOKEN, N. J.—Mr. Ant. C. Zvolanek has removed to his p ace in Grand View, Somerset county, N. J., where he will raise special sweet peas and ericas.

THEY LIKE THE REVIEW.

We couldn't do without the Review.
Macomb, Ill. F. E. BONHAM.

I like the Review. Enclosed please find subscription for this year.
Warwick, R. I. FRED. C. GREEN.

We could not think of doing without the Review. W. H. CULP & CO.
Wichita, Kans.

You have made a splendid paper of The Review. JAMES MORTON.
Clarksville, Tenn.

I would not be without The Review at any price. C. F. W. GENTEMANN.
Quincy, Ill.

Am always pleased with with The Review.
Lehighton, Pa. PAUL NIEHOFF.

Am always pleased with the paper. The classified advs. are a great convenience.
H. M. SEALY.
Lyndbrook, N. Y.

The Review is O. K. We especially like the alphabetical advs., which is a very handy thing for a busy florist. H. D. CALDWELL.
Paris, Ill.

The Review is up-to-date. R. MEARNS.
Toronto, Ont.

The Florists' Review is a good, number one paper, and we wish you the success you certainly deserve. J. H. WADE & CO.
Evansville, Ind.

The classified plant advertisements in your paper are well worth the price of the subscription, for one has not got to hunt the paper through to find just what he wants. Then one has that extra time saved to read the good things in the first half of the paper. I wish you the best of success for the coming year. M. S. WORDEN.
North Adams, Mass.

The paper has been in many instances a great help to us in our business and we would not be without it. We wish you abundant success. BOEHRINGER BROS.
Bay City, Mich.

I am very much pleased with The Review, and I wish you every success with it.
FRED C. WEBER.
St. Louis, Mo.

I could not get along without the paper, as it contains so much valuable advice and hints.
GEO. DOBBS.
Auburn, N. Y.

I think The Review is keeping its place well in front. And it has my sympathy, as any other would have that breaks away from monopolists' lines. JOHN B. FERGUSON.
Pittsburg, Pa.

Enclosed find one dollar to renew my subscription to The Florists' Review, the best of the trade papers. JAMES COX.
Bridgeport, O.

I cannot keep house without it.
F. W. FELTEN.
Swope, Mo.

I think your paper the best connected with the trade, and would not do without it.
W. SCOTT.
St. Paul, Minn.

I am extremely well pleased with The Review. The make-up of each issue is as near perfect as can be. The classified ads have been a great help to me (and to many others, I presume) in buying stock. N. H. PADGETT.
Unadilla, N. Y.

I wish The Review the fullest success, which it so thoroughly deserves. JESSE ROBBINS.
Carlisle, Pa.

May you prosper in the future as in the past, and may all of us live many years to Review it. F. J. FILLMORE.
St. Louis, Mo.

I have been well pleased with your paper.
HENRY ELBERS.
Buffalo, N. Y.

Am well pleased with The Review and find it a great help in many ways.
FRED'K A. TAYLOR.
Canastota, N. Y.

My best wishes are with The Review.
ARCHIBALD DESPEAUX.
Milwaukee, Wis.

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After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time. N. ZWEIFEL.
Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH, YOUNG.
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Sup't.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by William Scott, Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obstrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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Residential Sites and Environments

By JOSEPH FORSYTH JOHNSON.

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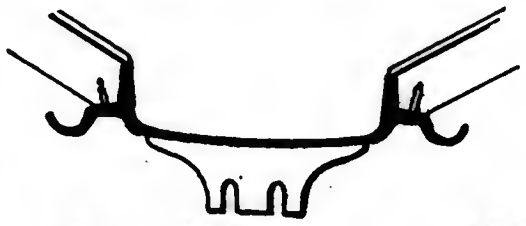
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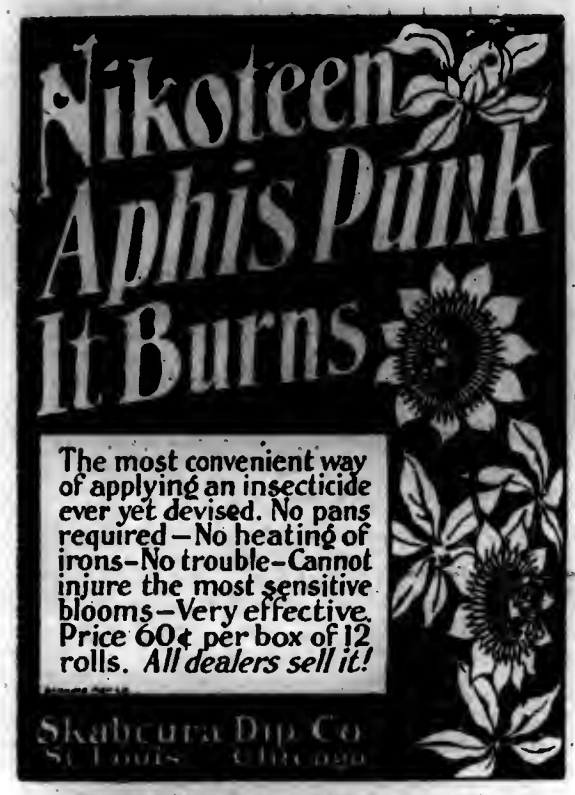
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Hiawatha, Kan.

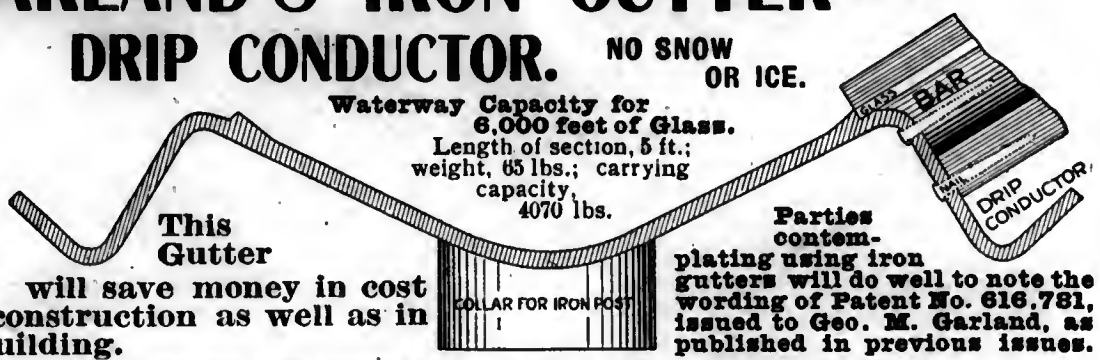
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This Gutter will save money in cost of construction as well as in rebuilding.

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P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

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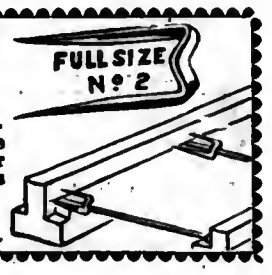
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Vol. VI. CHICAGO AND NEW YORK, JUNE 14, 1900. No. 133.



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Ribbons, Wheat Sheaves, Bouquet Pins, Doves, Immortelles, Cape Flowers, Flower Vases and all Florists' Supplies at corresponding low prices.

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30 FINEST BEDDING VARIETIES in bud and bloom.
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Small Plants All Sold...

None left but flowering plants from field at $2.00 per 100 and up.

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1500 Kaiserins, 2½-inch pots
1500 La France, " " } At Special Prices.

2000 Bridesmaids, 3-inch.
5000 Bridesmaids, 2½-inch,
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3000 Perles, 2½-inch.

We believe in shifting Young Roses often. All stock offered in 2½-inch pots has been shifted from 2-inch and is equal to most stock advertised as 3 inch, and when we send it out is well established.

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PINK, RED and SALMON.

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60,000 Feet of Glass.

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8 " " " 26 to 30 " ..... 2.00 "

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5 " 5 " 18 to 24 " .. 9.00 " 75.00 "
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Measurements from top of pot.

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We have in transit and due shortly, Lælia purpurata, L. grandis tenelerosa and Oncidum Varicosum Rogersii. On hand we have Cattleya Percivalliana, C. Mossiæ, Lælia Anceps and Lælia Autumnalis.
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Florists and Dealers in and Growers of Seeds.
Proprietors of Memphis Nursery. Are Headquarters for
SOUTHERN COW PEAS.
Established 1869. Write for prices.
304 Front Street, MEMPHIS, TENN.

Always mention the Florists' Review when writing advertisers.

THE RETAIL FLORIST.....

The Coming Convention.

The retail florists are afforded a splendid opportunity during the convention of the Society of American Florists and Ornamental Horticulturists to show their inventive and artistic ability in various ways and thus encourage a greater use of flowers. Many other professions make their annual conventions a means of introducing new elements to the public which are beneficial to both, whereas florists merely gather to enjoy themselves and incidentally look at a trade exhibit, which is all very good, but scarcely sufficient. The retailers, as far as organized efforts or displays are concerned, are thoroughly demoralized, much to their discrédit. The support given by them to the various exhibitions held throughout the country is of the most meager kind, and today almost every club and society sneeringly refers to the apathy of this most important branch of the trade.

We know the growers and others often condemn before thinking, however, there is nothing to prevent the retailers from shaping everything to suit themselves, and they should certainly show more activity in advancing the interests of their own end of the business. The florist should not depend on any outside source for information and ideas, he should be equal to all the emergencies of the trade. The introduction of new styles or advancements in every form connected with flowers should emanate from the brains of the florist just as much as milliners, dressmakers and others dictate as to what shall be proper in their wares and ways. It is very true that most of the really artistic adaptations in floriculture at the present have originated with the florist, but many of them hasten to introduce flimsy pretexts and caricatures suggested from all sources; that's why we've had plants with shirts and dresses on. And then the ribbons, oh those fabrics and fabrications on art! No wonder our friend Blumenschneider becomes indignant. He can rest assured that ribbons, etc., in connection with flowers have seen their greatest days.

We would like to see a grand floral fete arranged for the annual gathering of florists, such affairs should not be left entirely to the public. There is no telling the vast amount of good that would accrue from a well executed floral display by the florists themselves; it would certainly inaugurate a flower using and otherwise beneficial custom. Our idea is this, that the carriages used to drive the visiting florists around New York next August be decorated by florists in competition for medals or other awards, that nothing but native flowers and foliage be used in these decorations, and that all the arrangements, especially the judging, be left in the hands of competent retailers. The effect created by, say, one hundred carriages neatly decorated and driven in procession down Fifth avenue under the Dewey arch (which could also be decorated for the event) and a battle of flowers such as they have in Paris could be indulged in, would be sufficient to arouse enthusiasm in everybody and set any city on tiptoes of excited expectation. This kind of an affair properly worked out would do the society a vast amount of good. Every city would look forward to its coming and besides it would encourage decorative art. The cost of such a demonstration would be very small obstacles to intelligence and perseverance. Carriages are usually hired anyhow and what would it cost to decorate each? Very little, indeed, if the right kind of material is used.

We have seen and read of floral parades and fetes which, of course, were costly because special floats and costumes and an abundance of ribbons and other expensive adjuncts were prominent features; these could all be left out in the florists' affair and nothing but outdoor foliage and flowers need be used. The public-spirited citizens and officials would gladly interest themselves and the cities in such an event, whereas it is difficult to attract their notice to the ordinary conventions unless in the matter of common courtesy which is not all that is desired or necessary.

And then again at the president's reception during the convention some effort should be made to bring out new styles or the best that is in old ones, of all manner of bouquets and everything pertaining to the carrying or wearing of flowers. Thus prizes could be offered for the best method of wearing flowers in the hair, for the best natural flower trimmed dress, for the best corsage cluster, the best hand bouquet or bunch, the best boutonniere, and so on; and all these should be judged from the manner of wearing as well as the make up. We feel sure the ladies connected with the trade would gladly assist in making the president's reception an educational as well as a pleasant social part of the annual meeting.

There are cynics who exist on seeing nothing good in anything, but the great majority of retail florists know that something in the way of concerted action is desirable and necessary to illustrate all that is best and important in connection with their part in the trade, and it only requires some little effort to accomplish much that is wanting. As we have said before, it is the duty of the florist to lead in and suggest floral fashions, and the only way to do it is by practical demonstration, and we feel sure the florist's sense of enjoyment is just as acute as that of any other human. New York ought to start the ball a-rolling this year. They might with profit to the future pare down the allowance for cigars, ice cream and beer and devote something to the advancement of floriculture in this particular manner. There can be no dignity in going around with the hat to outsiders asking for money merely to provide yourselves with the necessaries for having a "good time." If on the other hand we offered to get up some public exhibition that would be of benefit to the people, the city and incidentally to the florist business, then we could go unblushingly and ask support from any source with very few chances of failure. There are plenty of generous people in the United States, and if some are foolish it ill becomes the florist to profit by it.

We would not like anyone to consider what we have said here to be an attack on the S. A. F., for we think a national florists' society is absolutely necessary. The one in existence has accomplished mountains of good, but it can do still more. It seems a pity to make it wear the same clothes all these years or endeavor to confine it to the narrow path it started on long years ago. We hope a new infusion of blood (not necessarily new or blue blood) will broaden its sphere and make it far more influential than it is today.

Commencements.

All the educational institutions throughout the country are at present in a state of excitement over their preparations for graduating or commencement exercises. Years back, it is true, more flowers were used at these most interesting ceremonies, still great quantities are used now, and there is no reason or excuse for any retrograde movement in this direction. The girls of today are not too educated to love flowers as much as their grandmothers did, in fact, you will find that the more education the greater the powers, or at least the more expressive the regard for all that is bright and beautiful, and it seems a pity that the last days at

school should not be made more memorable than they are.

The educational authorities should be seen and forcibly impressed with the importance of a floral display. In the rural schools the children should be encouraged to gather their own materials, and in the cities the florists should meet the departments of education with generous and feasible propositions. It doesn't matter if it were only bunches of wild daisies given to the children on school closing day, it would show them the importance and influence of flowers which would be beneficial all through life. School commissioners who are also florists (and we know many such) should advocate a greater use of flowers at school; they need not appear mercenary in doing so. Much of the trouble with florists is that they have no use for small things which require any expenditure of patience. Most of them would prefer to throw a dozen roses in a box and get a big price for them, depending on the flashiness of the box as a partial excuse for the high price. They prefer not to arrange the flowers because—well, because it's tiresome (that's the most charitable term); that's the element which reduces the flower business to a common, ordinary trade, whereas, in fact, it is an art demanding the highest in a profession.

Floriculture is fast reaching a point where it will be necessary to pay more attention to detail, every possible outlet will need to be watched and taken advantage of. There are many ways in which florists could induce more trade—a greater use of flowers, but the immediate recompense stops them from attempting to push trade. In the flower business it is impossible to measure possibilities. The flower unthinkingly given a child or stranger may bring you many good returns which you may not attribute to the real source. Flowers are a perishable but all-powerful coin of exchange between hearts and memories. Be generous in your dealings with schools, for remember you are not treating with one person, you are creating a lasting impression, good or bad, with several hundreds.

For graduating exercises baskets of flowers were once the most popular form of presentation offering. They will in many cases, particularly with short-stemmed stock, be in use this year. But the most desirable and prettiest forms will be large, loose bunches, either with or without ribbon. Where ribbon is used the date and school title should be painted on the end, because girls like to preserve such souvenirs. Outdoor flowers, especially roses, are the most appropriate, and just a cluster of forget-me-nots in some prominent place will talk for itself many days to come. IVERA.

MISCELLANEOUS SEASONABLE HINTS.

Azaleas.

We find much to keep us busy as soon as the rush is over and many things to do at once without delay. Our azaleas that were shortened back after Easter or before have made a good growth and should now go outside. We had such excellent results with similar plants last year that any deviation from it would be foolish. We plunged them in frames where water would not stand in wet weather and the plunging material was well up to the rim of the pot. And what is particular, they were in the broad sun.

A good soaking every evening will do them, except perhaps in hot spells in July and August. When you water don't forget to give the foliage a good, hard syringing; it keeps down spider, thrips and mealy bug. About the middle of July we put an inch of mulch on the surface of the pots, which was half-decayed cow manure and half sheep manure, and to this mulch I attribute a good part of the vigor and health of the plants last fall.

I just want to say here that some large growers of azaleas now import their plants in the spring. These they do not let flower, but pinch off the flower buds. Neither do they trim back the growth so hard as we do on those we have flowered; they merely pinch the stronger growth. This plan has much to commend it, for the plants get well established during summer, force better and are more satisfactory to the customer than the newly imported plants.

Acacias and Metrosideros.

The acacias and metrosideros that you cut back this spring want precisely the same treatment as the azaleas. I must confess that the growing of these is discouraging, for however well they are grown and flowered their sale is slow, and although it is nice to have a few dozen if they were absent they "never would be missed."

Hydrangeas.

Hydrangeas that are intended for next Easter should have been already shifted and plunged, but perhaps you have not had time and we have done it as late as this with success. Give them a 6-inch pot, rich, heavy soil and the broad sun, plenty of water and plenty of space that the sun and air can get among them. There has been a good demand this spring for hydrangeas for summer decoration. Forced plants, even if they are not in bloom till the end of May, are useless for this purpose. They look very handsome in large pots or tubs when first sold, but the sun and wind soon spoil their tender flowers and then they look like a hen that has taken a bath.

Unsold plants this spring which are in 7 or 8-inch pots can be cut down low and plunged in a frame and will make a good growth during summer. These, if taken care of, will make fine plants for next summer's work. The difficulty is where to winter them. If kept in the coolest greenhouse they will get too much of a start in spring. A cool, light basement or cellar is the place and they should not be allowed to start till you can stand them out of doors to come along naturally as do the hardy shrubs. Then they are not in full flower till July and are really decorative plants, for they last a long while.

Primroses.

If you have not already sown primula do so without delay and don't forget that P. obconica is most useful and P. Forbesii sells well and is a favorite with all. I prefer to keep the Chinese primroses in the greenhouse, but obconica and Forbesii do very well plunged in ashes out of doors. They make strong, robust plants when they have had the full sun and light during July, August and September.

Palms.

Large palm growers pot up their stock during May and June. If you have any young kentias, arecas or latanias, shift them as soon as possible. Don't over pot them, and be sure, especially in the case of kentias, that you don't put them too low in the soil. Pot firmly and let the soil be pretty well to the top of pot, for they need so much syringing that if too much space is left for water they are very apt to get an overdose. A good loam with a fifth of rotted manure will do but in addition to the ordinary manure add a twentieth of sifted sheep manure.

If the young kentias are large enough to sell to your retail trade the coming fall then they should have space to spread and arch their leaves, which makes them so attractive; but if in 4-inch or less, they can be stood quite close together without harm.

Chrysanthemums.

Planting chrysanthemums will be a very important part of the work for the next two weeks. The planting is an easy gentleman's job, but hauling in the soil for the benches is not quite fun. Wherever you put them



The new City Greenhouses of Paris.

see that there is no shade either from trees or on the glass; they want no shade of any kind. Four inches of rather heavy loam with a fifth of manure will do, and they will stand a 6-inch pot of bone flour to every wheelbarrow of soil. Make the soil firm.

The distance to plant is well understood, but you often see them unprofitably wide apart. The giant flowers that are shown at exhibitions are not wanted by the ordinary public and the extraordinary public are only found in one or two of the eastern cities. You cannot blame the people. Unusual size is merely coarseness. A moderate but pretty flower, both in form and color, is what is now wanted, and therefore more can be grown to the square foot. I would say that eight inches between rows and five inches between stems is enough for any of them if grown to a single stem, and if grown with three flowers to a plant then nine inches and six inches will do.

Bedding Plants.

Those that grow a general assortment of bedding plants should run through a catalogue just now and it will help them to think whether they have made provision to perpetuate their stock of all the plants that enter into their business. You will not forget to plant out your important crops such as geraniums and cannas, but also plant out a few plants of everything worth growing. It is much cheaper than running around in the fall for some cuttings of this and that, "'cause I forgot to plant out a few, ye know; I was so darned all-fired busy last spring, I swan I forgot it."

Heliotrope, lantana and lemon verbena should be potted up into 4 or 5-inch pots and plunged in a frame because they lift badly.

Don't forget to plant out sweet alyssum, vincas, trailing abutilon and a few of all your so-called vines.

As I expect to live and tell you some more next week I will reserve the rest for our next.

WILLIAM SCOTT.

THE GREAT FLORICULTURAL ESTABLISHMENT OF PARIS.

Paris is nothing if not artistic, and Parisian art is on a large scale. Nearly half a century ago her plans of development were made to include the transformation of old promenades and the creation of a large number of new gardens for the delectation and instruction of the public. The material needed for these purposes, and for the occasional decoration of public buildings and the like, could be grown so much more satisfactorily than it could be bought that the city provided for itself the necessary nurseries, frames and plant houses, and early entrusted their care to Edouard Andre, then a young man of twenty, now the leading landscape architect of the world.

In the Revue Horticole of December 16 last, M. Andre, who, though many years ago relieved from the care of the "Fleuriste de la Ville," as the establishment is called, has always been identified with all that gardening could do to beautify the most beautiful capital of the world, gives an interesting account of the recently completed gardens and houses at Auteuil, which have replaced the old ones at Passy. Taste, architectural effect and economy in administration characterize the entire garden, which covers an area of seven hectares and comprises ninety-two plant houses, which occupy 13,210 square meters of ground and range from a palm tower 15.75 meters high to the best model of compact growing houses with the glass brought down to the plants.

Heating is effected by a low pressure steam plant for the larger houses. In addition to the other demands put on it the establishment annually loans 70,000 or 80,000 plants for interior decorations, from which an idea of its importance to the city may be gained. Some day it may be further utilized by the establishment in connection with it of a school of horticulture and botany, such as the world has not yet seen.

The accompanying engraving is a half-tone reproduction of the colored plate that appeared in the Revue Horticole in connection with the article mentioned.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Richard Gardner registers seedling canna "Bobs;" a dwarf variety of the French type, growing about 18 inches tall; foliage thick, leathery and dark green; flowers, orange scarlet, sometimes slightly margined with yellow; petals one and one-half inches wide; spike compact.

WM. J. STEWART, Secretary.

TROUBLES

Conducted by LEONARD LAWTON

Program Advertising.

Is there any value in it? Does it pay to buy such advertising because Mrs. Good Customer is a member of the committee? Is there a way of avoiding the issue without losing your customer? How do you act in such cases? Tell us about it. "A Tired Florist" wants to know, and we believe "there are others." A postal card suggestion is just what we want.

Competition.

One reader writes: "The grower who grows every flower and plant to its highest finish knows no competition."

That is very true. Competition has no terrors for the man who produces the best, providing he can produce it at very little increase of cost over that of ordinary grade and he has a free and open market.

Improvement in quality is undoubtedly the way to successfully meet fair competition. But how about unfair competition such as we mentioned in our last? Have you no suggestion to make in that connection?

Credits.

In interviewing a leading New York florist some years ago we asked: "Suppose a customer said he wished to have as handsome a dinner table decoration as you could supply for $100, what would you suggest?" His reply was: "Before making any suggestions I would first find out whether he had the $100."

He didn't say how he would find out and the answer was undoubtedly given to discourage further inquiries, but there is a pointer in the remark, which, if acted upon, would considerably lessen the retailer's list of overdue and bad accounts.

And even if the customer has the money it isn't always a sure sign that he will pay it to you.

How do you find out, first, whether the customer has the money, and, second, whether he is pretty certain to pay his bills when he has it? Mail us a few words on this.

Pay Ore.

Pay ore is generally hidden. You may be standing on a rock that will assay a thousand dollars to the ton and be in blissful ignorance of the fact. And you may at the same time be spending money freely to develop a worthless vein. That was the position of a certain florist who was spending a lot of money in an effort to introduce the Puritan rose to the trade when the whole stock of the now well known Meteor was in his possession and he saw no special value in it. Other men discovered the great value of the Meteor as a forcing rose and the Puritan is now little more than a memory. We have often wondered what sort of remarks that florist made to himself when he found he had been the owner of a rich mine but failed to profit by it.

Look over your possessions. You may have pay ore without knowing it.

Keeping One Price.

Puzzler Writes: "A makes arrangements with B, C, D and E to introduce a new plant at a certain price the following season, to which all agree. When the catalogues appear A finds that B and E have put the price 25 per cent lower than C and D. At what price should A sell this article in order to keep on good terms with B, C, D and E?"

From the way the above is worded it would appear that B and E have broken an agreement. If, however, the agreed price was merely that at which A was to supply stock to B, C, D and E, the case is different. It is usual for the owner of the novelty to name the price at which it shall be offered by all who catalogue it. And such an agreement is essential to avoid the difficulty "Puzzler" describes.

A's only way out of the present difficulty would be to make his own offer at the higher price and thereby avoid antagonizing C and D. Or, if he feels that this would result in serious loss for him he had better write a frank explanatory letter to C and D and get their consent to his offering the stock at the lower rate. The action of B and E has, as we understand it, already greatly lessened C and D's chances of making large sales, and in view of the circumstances they would in all probability be willing to allow A to save himself from the difficulties of his position if the matter was presented to them in a proper light. But by no means offer at the lower rate without the full consent of C and D.

Can any reader suggest a better solution?

Keeping Help.

"Why cannot I keep my help?" is a question suggested to one of our readers by the note in last issue regarding discharging help. He thinks there is a good deal to be said on that side of the question. No doubt there is. The employer who can keep help only a short time needs education as much as the employe who can hold a place for only a brief period.

A man who changes employes frequently is making a loss. An employe who is familiar with the establishment and its methods is worth a good deal more than one who has yet to acquire this familiarity, other things being equal. There is no question but what it pays to devote a little thought to ways and means of encouraging employes who make an effort to please. Such should not only receive fair pay for their services, but a kindly word of interest in them will often go a long way in keeping up their enthusiasm. No really good work can be done without enthusiasm on the part of the worker. And a disagreeable, complaining manner on the part of the employer can kill the most exuberent enthusiasm.

If you have a shirker on the place get rid of him as quickly as possible. But it will be money in your pocket to treat good men so well that they will be looking ahead to a long stay and be studying how they can make themselves more valuable.

But let us have your views about it.

Style.

A florist in illustrating his views that the high class florist sells his skill as a decorator rather than the materials that enter into the decoration, said: "I paid a hundred dollars for this suit, because it has a certain style that other tailors can't put into a suit. I could have got a suit containing as good material and well made for fifty or sixty dollars. The difference was what I paid my tailor for his style. And my business is to put into my decorations a style and effect that can't be had elsewhere, and for that I make a charge. It is my main stock in trade."

The story served as an illustration, but it considerably amused the writer. The suit the florist wore was one of ultra fashionable cut which the writer wouldn't have worn had he been offered a hundred dollars to do so. And our humble opinion is that a man who pays more than thirty-five or forty dollars for a business suit is more or less of an "easy mark" for the tailors.

A better illustration would have been that of the artist who takes a few dollars' worth of paint and canvas and makes a picture worth several hundreds. We refrain from saying thousands because there is a whole lot of balderdash in the prices that some paintings bring.

But how may we create a style that the people will pay for? Let us have your ideas in the matter.

Color Harmony.

A. H. will find his question fully answered elsewhere in this issue.

SUBSCRIBERS are requested to mail us items of general trade interest at any time.

COLOR HARMONY.

I have noticed several criticisms on the lack of color harmony in the planting of flower beds. I have myself seen beds in which I could feel that the colors were badly contrasted, but I couldn't explain why or say positively what colors would harmonize perfectly. I have also seen the question of color harmony mentioned quite frequently in your "Retail Florist" department. Can't you give us something by which we can be guided?

A. H.

The most useful and instructive matter on this subject we have ever noted appeared in a book entitled "The Beautiful Flower Garden," by F. Schuyler Mathews, published by Messrs. W. Atlee Burpee & Co., the seedsmen, Philadelphia. With the permission of Messrs. Burpee & Co. we reprint the matter below together with the "color wheel" designed by Mr. Mathews.

Colors must be harmonious or else they will lose their value; we all have an idea about which ones will look well together, but we have no practical knowledge of the way to bring them with their infinite variations into harmonious company. My little diagram may possibly help in bringing about a clear conception of perfectly simple color harmony.

The wheel indicates sixteen commonplace colors, which (theoretically speaking), when mixed together in certain proportions, will produce white. Although red, blue, green and yellow comprise what are called the primary colors, my twelve additional ones are simply extensions right and left of these, and furnish those familiar hues which we constantly meet with in the flower garden.

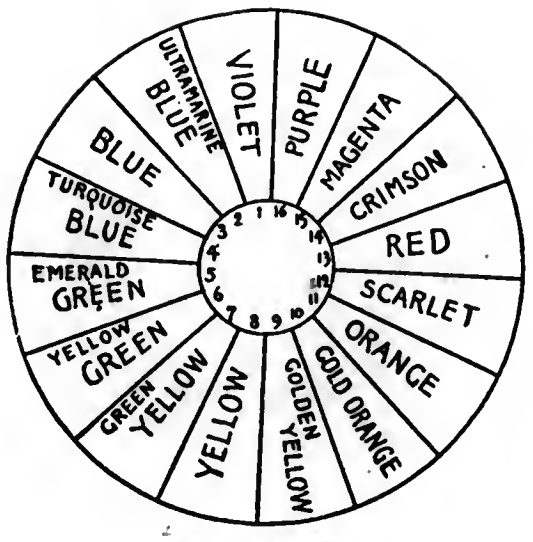
I do not propose to explain any elaborate color theory, but I wish to show how by the aid of my simple little diagram we may arrive at some unmistakable truths of harmony and discord. The sixteen colors are:

Violet,	Golden yellow,
Ultramarine blue,	Golden orange,
Blue,	Orange,
Turquoise blue,	Scarlet,
Emerald green.	Red,
Yellowish green,	Crimson,
Greenish yellow,	Magenta,
Yellow,	Purple.

Now, for colors which will harmonize with each other, we may read on the list above and on the wheel those which are exactly opposite in their relative positions; for instance, yellowish green and crimson. The colors which conflict with each other lie at exactly right angles on the wheel and at every fifth one on the list. Beginning haphazard with yellow, therefore, we may read the discordant colors as, yellow and scarlet, or yellow and turquoise blue. Of course, I mean that we can choose any color on the list, count it as one, and find the discordant fifth in either direction.

One fact more regarding harmony as illustrated by the wheel, and we have compassed the fundamental principles of color in a nutshell.

There are two kinds of color harmony; one is contrastive, as, for instance, blue and orange, and the other is analogous, as, crimson and magenta. In a word, those colors which are near neighbors to each other are, as a rule, quite agreeable to the eye, and the ones which are radically opposite in appearance we instinctively feel are never complete out of each other's company. Actually blue is more complete with a patch of orange beside it, because it looks brighter. Crimson and magenta are, so to speak,



The Color Wheel.

two points of view of red when it is more or less influenced by purple. For colors, then, which are by their relationship harmonious, read on the wheel any three which lie side by side, or on the list, three which occur in succession.

If we accept this simple formula as a safe guide as far as it goes (it is not very far-reaching), we may be sure of committing no error when we arrange the highly colored flowers in our garden beds.

But it is necessary to understand exactly what the color is which we call red, or blue, or yellow. For the sake of something tangible I shall call the Portia carnation pure red, the zenith blue of the sky pure blue, and the wild mustard at its yellowest best, or the lemon-colored African marigold, pure yellow; the outside surface of the buttercup's petal is also near the pure yellow. The scarlet runner is exactly an orange-scarlet, the President Hyde chrysanthemum is a perfect golden yellow, and the bluest bachelor's button is blue inclined toward the ultramarine tone. There are powerful tones of purple in the cinerarias ranging right and left toward crimson and toward ultramarine blue; the daffodils give us a wealth of golden orange, and also yellow tints reaching as far as greenish yellow, and among the petunias we may find varieties crimson and solferino in hue.

A perfect knowledge of the individuality of a certain color is, without doubt, a matter of education. When once we know that the scarlet vermilion of the artist's paint-box or the Madame Crozy canna is pure scarlet, when that color is before our eyes for days in succession and our memory of it is established beyond doubt, then we may be sure that we hold in our hands a key which will unlock the secret door of all knowledge of color.

There is another thing, however, which will greatly impede any advance in acquiring a perfect knowledge of colors; that is, a strong prejudice in favor of or against some particular hue. Who among us can say, "I have no favorite color, and there is not a single one which seems to me ugly?" It is quite natural that we should have preferences and dislikes, but it is nevertheless a fact that these will sometimes give rise to prejudice and blind us to the beauty of a certain color.

* * *

No one can make a mistake by combining any color with white. What is most distressing in those mixtures of color which make us turn our eyes away, is the crudeness of uncompromising scarlets, yellows, pinks, blues, magentas and purples; if all these were separated into distinct groups, each group having a liberal intermixture of white, undoubtedly we would not feel so distressed.

IN JERSEY.

Liberty dwells in West Hoboken. Here at E. G. Asmus' Liberty flourishes grandly and reigns supreme. Several houses have been planted with this grand rose with a view of having them in prime condition by convention time; they are looking very elegant now. Mr. Asmus informs us the sale was enormous; it was impossible to supply the demand for grafted stock.

Over at Rutherford there's a place that ought to be called Bay Tree hill instead of Carlton hill, for here Bobbink & Atkins and Julius Roehrs seem to have gotten up a monopoly in bay trees, certainly more of them can be seen here than in any other part of the country, and they are specially fine this year. If there is any young firm around New York that deserves more credit than another it is that of Bobbink & Atkins. They seem to be alive to all the wants of the plant trade, and they have accomplished wonders in a short year or two, for in addition to building several model plant houses and sheds, they have planted out over twenty acres of everything suitable to a first class nursery trade. They are making a specialty of collections in tea roses, dahlias, cannas and general herbaceous stock, and later in the sea-

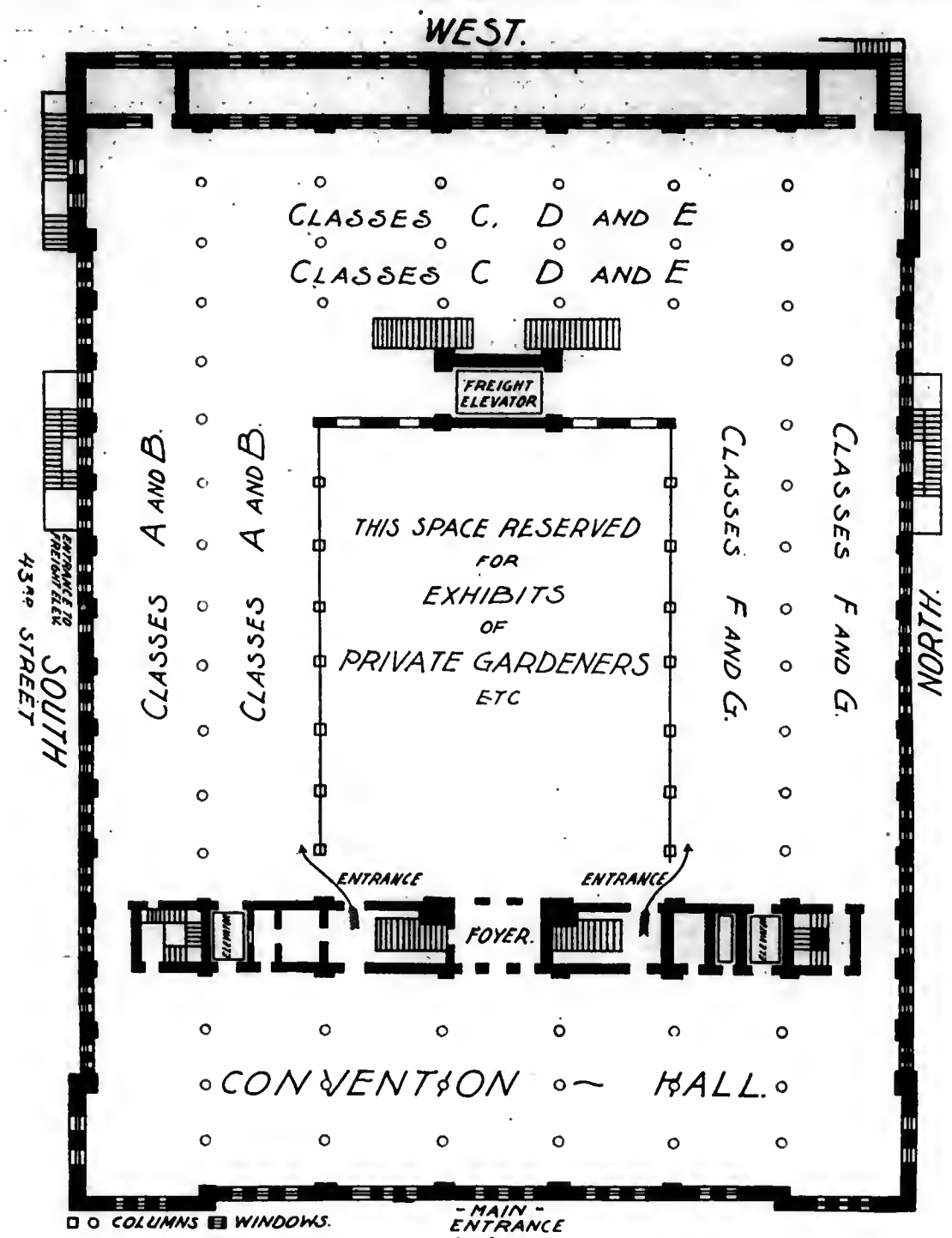


Diagram of main floor of the Grand Central Palace, New York.

son these grounds will present a sight well worth seeing.

Their greenhouses and immense sheds are chiefly devoted to the packing and unpacking of great quantities of imported stock, for these men are importers in the real sense of the word. Besides an ever growing local trade, they ship by the many thousands to all part of the states; at present they are handling large stocks of kentias, bay trees, ficus, etc., and with the assistance of a careful and conscientious expert resident purchasing agent over in Europe they are enabled to furnish the best quality at the lowest price. Large sales and quick returns seems to be their motto and they are certainly to be congratulated on the progress they have made. The firm is by no means a mushroom affair; their methods of doing business assure them of increasing popularity and lasting stability.

Across the way at Julius Roehrs' almost anything in the decorative line can be got in perfection. Orchids are grown in great quantities and of the finest quality. The palms, especially large sized established kentias, are the finest to be seen in this section of the country. There are numerous fine things in the decorative plant section which ought to be better known to the trade. If the public could only walk through an establishment like this one there wouldn't be much use for stores and there would be a better plant trade. The avenues of bay trees are a sight to behold. When you come to New York don't forget to visit Rutherford, N. J.

At Summit, John N. May's place even now is spick and span, in the pink of condition. His houses of Olympia carnations are grand and seem to get better every day. This variety as grown here seems to have very many fine qualities; the size of bloom and continuous free flowering and lasting vitality combine to make it an ideal variety. We have recently seen lots of houses where the plants seem to beg to be thrown out; not so with Mr. May's Olympias, for they seem to be at their best now. There are several new seedling carnations on the experimental benches and some of them, notably a very bright and large flowering scarlet, promise well.

New chrysanthemums have been a leader in Mr. May's business this season. He has sold enormous quantities of them. He informed us that there has been an extraordinary demand this year for Pompon chrysanthemums, of which he has a collection of the best new varieties. We are glad to learn that the mum boys recognize the great beauty of these little darlings and hope they will be suitably dealt with in the show schedules; if your society hasn't made provisions, see that it does. Houses of Bride and Bridesmaid roses are yet producing high grade blooms and it seems a pity to disturb them for a younger set.

Here also at Summit is located the extensive establishment of the orchid experts and importers, Messrs. Lager & Hurrell, and if you want to see an up-to-date system of orchid culture you must visit this most interesting of places. The very plants seem to know that their wants and whims are perfectly understood, for they flourish exceedingly without any nonsensical affiliations. They have been and are cutting immense quantities of bloom and their recent importations, especially Cattleyas Mossiae and Percivalliana, are very fine and give entire satisfaction to purchasers.

A little beyond here, at Madison, we had the great pleasure of visiting the very beautiful estate of H. McK. Twombly. This consists of one thousand acres of as fine a country as it is possible to imagine. Model dairies, stables and conservatories are here established to cater to all the demands and whims of wealth. Our friend, Arthur Herrington (he whom Chicagoans have as judge at their annual shows), is superintendent of the horticultural department on this grand place. His department is divided into two sections, one devoted to the private uses of the family, the other given to commerce. The combined area of glass is something like 75,000 square feet.

In the private greenhouses there are some very beautiful sights. Take the carnation house, for instance. Mr. Herrington has growing many seedlings, crosses between tree carnations and American varieties, which are simply immense and promise all kinds of sensations in the near future. Ideals and measurements will have to go higher according to these new claimants. A center bench is filled with an English variety named Miss Audrey Campbell. It is a pure yellow, very large, and at present is by far the finest yellow carnation growing hereabouts. The palm house contains



The Grand Central Palace, New York, in which the coming Convention of the Society of American Florists will be held.

many specimens which cannot be duplicated anywhere. Kentias, thrinax, cocos, cycas, caryotas, licualas, martinezias etc., in all the nobility of perfection. If they could be transported to the convention show they would open eyes used to wonders. Many of them are, however, too large and valuable to ship such a distance. Many houses are filled with orchids and general collections of foliage and flowering plants.

Two miles away, at the Florham Farms, which is on the same estate, are situate the houses devoted to commercial purposes. These consist of over 50,000 feet of glass and are mostly given over to orchids, and nothing but the best for cut flower purposes is grown, and they are done so in the most economical and up-to-date manner. Several houses of cattleyas are grown on the board system, others in the crate, and still others on the fern stump method, which is, perhaps, the best of all. As to results, you might form your own opinion, but over 5,000 Cattleya Mossiae blooms have been cut in one house so far this season. Just at present a house of Cattleya Mendelii is a magnificent sight. Other varieties will follow and the prospects are that a large quantity of fine flowers will always be on hand, but you cannot buy them unless you order them through Thomas Young, Jr., 41 and 43 West Twenty-eighth street, New York city, who is sole agent for all the flowers shipped from this place.

Mr. Herrington devotes considerable space to fruit culture. Two tons of tomatoes have already been cut from one house. Then there are figs, nectarines and grapes. Besides this is a 200-ft. house planted with chrysanthemums. They are grown on benches under glass all summer and look very fine at present. It would look as if some of the boys will need to hustle to be in it at next mum shows.

The extensive gardens without are all that could be desired; they are lovely; the grouping of plants is done in a manner to bring out all that is best in them. Here is a border of coniferae, yonder flowering shrubs, and the rhododendrons and azaleas are a sight. It would be impossible for us to do justice to these gardens in any space now at our disposal, but if it is possible for you to visit the principal gardens within a radius of 100 miles of New York city you will find this one of the most important, one of the most beautiful, and Arthur Herrington deserves credit for it.

J. I. DONLAN.

THE NEW YORK CONVENTION.

We present herewith an engraving of the Grand Central Palace, New York, in which the coming convention of the Society of American Florists and the annual trade exhibition will be held, together with the great horticultural show arranged by the New York Florists' Club.

The main floor, of which a diagram accompanies these notes, will be devoted to the convention and exhibitions, and it has an area of 50,000 square feet. The seating capacity of the convention hall is about 2,000. So there will surely be an abundance of room for all and with the extra attractions being prepared by the New York Florists' Club the coming convention will no doubt break all past records.

The florist who fails to attend this great gathering will certainly miss a great opportunity. It will surely be a most memorable meeting.

S. A. F. members who have attended previous conventions and know something of the discomforts of waiting in line for an opportunity to pay assessments and procure badges do not need to be reminded to forward their dues to the secretary in advance and thereby contribute to their own com-

fort and facilitate the secretary's work.

To those joining the society this year, however, this advice is given with much earnestness. The crowd at the New York convention will be unprecedented. Dues cannot be paid while meetings are in progress and hundreds of applicants will be demanding attention before the opening session on the morning of the first day, the possession of a badge and membership receipt for 1900 being absolutely necessary before any individual can sign the roll book and receive invitation cards for the various entertainments provided by the New York Florists' Club, including the ladies' ride, which is planned for the afternoon of the first day.

Memberships paid at any time during the year expire on December 31st, so there is no advantage in deferring payment until August. On receipt of $3 from those who have paid membership dues for 1899 and of $5 from all others, certificates and badge for 1900 will be mailed promptly from the secretary's office. Preserve your certificate and bring it to the convention with you.

WM. J. STEWART, Secretary.
67 Bromfield St., Boston, Mass.

THRIPS ON CARNATIONS IN FIELD.

Can anything be done to banish thrips from carnations growing in the open ground? X. Y. Z.

The only way I know to banish thrips from plants in the field is persistent spraying with strong tobacco water or Nikoteen and water. This will keep them in check.

Thrips are becoming more troublesome from year to year and the man who will invent a sure remedy for this pest will be a benefactor to the florists.

Park Ridge, Ill. E. BUETTNER.

X. Y. Z. is up against the real thing in the way of carnation pests. I have never to my knowledge been able to check them in the houses, as they hide themselves right in the heart of the buds and I believe, as Prof. Sirrine claims, they deposit their eggs while there, where it is impossible to kill or dislodge them with anything in the way of insecticides without killing the plants also.

Though I have never been able to find them outside I believe that is the time they make their acquaintance with the plants and the only feasible plan I can think of is to keep continually syringing with tobacco water or Nikoteen, with an occasional dose of soapsuds, which will help to retain more of the Nikoteen on the foliage, thus getting the full benefit of same and preventing it from drying up so quickly. The point is to destroy the young as fast as they are hatched. I should say give an application according to directions on the can about twice a week as long as plants are outside. JAMES HARTSHORNE.

Joliet, Ill.

SEED TRADE ASSOCIATION.

The eighteenth annual meeting of the American Seed Trade Association was held in the Grand Pacific hotel, Chicago, this week.

Among those in attendance at the meeting were: S. F. Willard and Thos. H. Willard, Wethersfield, Conn.; J. J. Harrison and H. B. Harrison, Painesville, O.; S. E. Briggs, Toronto, Ont.; F. H. Ebeling, Syracuse, N. Y.; S. M. Pease, Cape Vincent, N. Y.; J. B. Rice and W. R. Roach, Cambridge, N. Y.; Albert McCullough, D. A. Brown and Chas. McCullough, Cincinnati, O.; F. W. Bolgiano, Washington, D. C.; F. W. Barteldes and Max Wilhelmi, Lawrence, Kan.; Mr. and Mrs. J. G. Peppard, A. G. Trumbull and T. Lee Adams and wife, Kansas City, Mo.; W. C. Langridge, Albany, N. Y.; R. L. Templin and wife and J. S. Handte, Calla, O.; W. J. Mandeville, C. H. Dick and F. A. Stecher, Rochester, N. Y.; W. H. Grenell and A. T. Ferrell, Saginaw, Mich.; Jno. J. Cleary and Frank Hoerman, Terre Haute, Ind.; C. N. Page, Des Moines, Ia.; J. C. Robinson, Waterloo, Neb.; C. E. Kendel, Cleveland, O.; Henry W. Wood, Richmond, Va.; James Currie, Milwaukee, Wis.; H. M. Schisler, B. P. Cornelli and Chas. E. Prunty, St. Louis, Mo.; H. W. Johnson and wife, Philadelphia; W. T. Phillips and wife, R. L. Burge, C. S. Burge and wife and Warren E. Smith, Toledo, O.; O. H. Dickinson, Springfield, Mass.; Everett B. Clark, Milford, Conn.; H. W. Buckbee and wife and R. H. Shumway, Rockford, Ill.; J. E. Northrup, Minneapolis; A. J. Brown, Grand Rapids, Mich.; W. T. Michaels, Sioux City, Ia.; C. S. Clark and wife, Wakeman, O.; C. L. Allen, Floral Park, N. Y.; H. Windheimer, Omaha, Neb.; Alex. Rodgers, S. F. Leonard, A. Dickinson, W. W. Barnard, J. C. Vaughan and Peter Hollenbach, Chicago.

The program touched upon many matters of live interest to the members and the sessions were declared by those in attendance to be unusually interesting and practical. But as usual much important work was accomplished in the hotel corridors and the interesting conferences between members in knots of three to a dozen were numerous. The "Heavenly Twins" (Messrs. Langridge and Roach) helped to tie many of these knots.

On Wednesday evening the visitors were entertained with a banquet at the Athletic Club and on Thursday they took a trip down the drainage canal.

DES MOINES, IA.—Mr. Wm. G. Newell, foreman for W. L. Morris, has rented from Mr. Fred Gadsby the Oakdale Greenhouses at Eau Claire, Wis.

BUFFALO.

There have been several June weddings that have helped business all around, and the school commencements will soon be here.

The plant men are getting over the big rush, but we are always more or less busy in that line till the first of July. We think the bulk of the flower gardening, and that feature which is always prominent in Buffalo—the veranda box—is larger than ever before, and our Linwood, Delaware, Richmond, Elmwood and other avenues are now most beautiful. A trip to the Goliath of the West does not at all make me think less of our beautiful city.

Flowers are still of good quality, for we have only had a warm day occasionally. Paeonies are now at their best and the beautiful Pyrethrum roseum is seen in every store. A three days' rain would be an everlasting blessing and we would be willing to fast of everything while it lasted. I don't know how far east and south they are suffering, but I do know that from Cleveland on they have had bountiful rains while we have had little more than would lay the dust. Why this treatment? I don't know. This is not the home of Bryan, or the ice trust, or the street car strike.

J. H. Rebstock has been showing a lot of well flowered standard roses. Very attractive but not very satisfactory in our gardens. Kasting has been flooding the stores with well flowered Hydrangea Otaksa. They look fine, but greenhouse hydrangeas will not do out of doors, and the only way to have hydrangeas to be really satisfactory during summer is to keep them in a cool, light cellar and never let them start till they are safe outside.

Mr. Alex. Forbes, of the Peter Henderson & Co. firm, was here last Saturday and much enjoyed a look at the Pan-American grounds and the residence streets leading thereto. Mr. F. is of the solid, substantial Scotch build and his exterior is a truthful indication of the inner man. You don't get lonesome or cold in his company.

The writer took a flying visit to Chicago last week and the few hours he was off the train listened to a few essays read before the Park and Outdoor Art Association. Just time to see the busy editor, Mr. Grant, the amiable Phil Hauswirth and the convivial Walter Kreitling. We also saw and smelled the south branch of the Chicago river. Oh, local boys, don't grumble about our Hamburg canal. It is a crystal, sparkling fountain and its odors are spicy and enjoyable by the side of the prairie stream which smells worse than the ark the day before it settled on Mount Ararat. Paving agitation is rife in Buffalo. You won't grumble a bit about it if you take a ride through Chicago. But what a business place it is, and I wish we had some of it.

The Park and Outdoor Art Association is doubtless a very cultivated lot



Benjamin Dorrance, President American Rose Society.

of ladies and gentlemen, and in matter of art are "way up," but what could be done with benefit would be some school for park commissioners, some practical schooling for them without any fear of bringing in trade matters. Everybody wants to be a park commissioner nowadays and there is not one in a dozen that could give an intelligent opinion on the work being done. The park superintendent, if capable, knows best about the work and the commissioners have little need to interfere, but to the disgrace of the people of our large cities our parks are now in politics and commissioners are appointed with a political object. It is not our city I am alluding to particularly, but all I hear of are alike. Woe betide the day when our parks become political machines.

The success of our park system for twenty-five years, its building, its economical and able maintenance, was solely because the fifteen reputable and public-spirited citizens who composed the park board were in matters of management, labor, etc., mere figureheads and never interfered. If new territory is to be acquired, or perhaps a steam roller purchased, or a concession to be leased, the commissioners may have an intelligent opinion, but when it comes that the superintendent has to appoint Patsy O'Flaherty as a caretaker of a portion of the park because he is the father-in-law of Alderman McQuinn, who has a pull with Commissioner Skinnum, then good-bye to discipline and efficiency in our parks, the pride of our cities. If the commissioners and not the superintendent is to guide the work of the parks, then educate them in park work.

We listened for fifteen minutes to a most eloquent man, a minister of some most liberal gospel, which all really intelligent men must be. His plea was, give us parks, plenty of them; don't stint them in extent, in building and maintenance. Their moral effect on the community is worth far more than their cost. One quotation was: "A stroll in the beautiful parks makes better men and women. They are not all angels that frequent parks and we do not make all church members angels." He was so eloquent, spoke such beautiful truths and was so earnest with his subject that for a few moments you fancied yourself walking in some park-like paradise between Bob Ingersoll and Robert Burns. Both will be there. W. S.

Pan-American News.

Although the absence of rain has been most unfavorable for the thousands of trees and shrubs planted this spring, many of them late, there are very few failures and the appearance of the plantations is most flourishing. Many more exhibits were sent in than were expected this spring, but in the case of hardy roses it was either plant them now or not at all.

The Music Garden is in the center of a broad elevation and scattered over this area are many large beds of hybrid perpetual, rugosa, Wichuraiana and Crimson Rambler roses. One large bed is filled with standard and dwarf Hydrangea paniculata grandiflora. All of these exhibits were sent in several weeks later than the proper time to transplant, but with careful planting and hard pruning they are making a fine growth. Upwards of 6,000 roses are among the exhibits. The principal contributors are Ellwanger & Barry, Rochester; F. R. Pierson Co., Tarrytown, N. Y.; Nelson Bogue, Batavia, N. Y.; J. C. Vaughan, Chicago; Jackson & Perkins, Newark, N. Y.

The excavation of the lakes is complete and grading is now the chief work on the grounds. The sloping banks of the canals are finely graded and seeding is being done. With access to the hose in every part of the grounds, these banks will soon have a most refreshing appearance.

Mr. Ulrich has obtained several hundred fine red cedars, 20 to 25 feet high and of the most symmetrical shape. They are boxed and shaded from the sun and if successfully carried through the summer will have a delightful appearance when located in that part of the grounds know as the "Court of Cypresses," which is two basins each 200 feet in diameter and will be filled with aquatics. One of these basins will be heated to facilitate the growth of the Victoria Regia.

The grounds around the Service Building have a finished appearance. Large flower beds are blooming and the thousands of visitors who already view the grounds seem surprised at the progress made. The Transportation and Liberal Arts Buildings are going up rapidly and progress is being made on all the buildings.

I was much pleased to hear last week from Mr. Alexander Forbes, of New York, that he considered we were most favorably ahead with all the work, compared to past expositions at a corresponding date.

WM. SCOTT.

PITTSBURG.

With shame we report that yesterday the machine that rules our city affairs deposed, at a meeting of both councils, E. M. Bigelow, who has been for nineteen years director of public works. Mr. Bigelow has done for Pittsburg what no other man could have done. He gave us our beautiful parks,

conservatories, boulevards, etc., and because he would not pull with the bosses and rob the city they let him out. The florists all agree that we are losing a progressive man and one that has been of great benefit to the trade.

The hot weather last week brought in an immense quantity of all kinds of flowers and quality suffered. The demand did not keep pace with the increased supply and the market was glutted and lots of stock went to the rubbish pile. Growers are now no longer reluctant about cleaning out their houses for transplanting.

The bedding season is about over. Good stock was all sold and there was not enough of it. Some of the plantsmen got much better prices than last year.

BAER.

ST. LOUIS.

Market Conditions.

The florists in St. Louis have suffered greatly the past four weeks owing to the street car strike, which is still unsettled and there is no telling how long it is going to last.

The market is very quiet and a large supply of stock is coming in every day. Mildew appears to be the rule among the roses just now, though occasionally a fine lot is seen free from mildew. The retail trade has been dull, but the past week it showed some life owing to a few June weddings and school commencements. This will wind up the demand for flowers from this source and funeral work will be about the only orders we can look for from now on.

Prices the past week were about the same as last reported. Good rose stock in Meteors, Maids and Brides brought $5 and from that down to $2; plenty of poor stock on hand, but the extra grades are a little scarce. Carnations have kept up well and are still very plentiful, though small in size. The color is fine. Scotts and Daybreaks and all white are selling well. Extra fine grades bring $1.50, but the bulk go at $1 per 100 in one-hundred lots. Mr. J. W. Dunford, of Central, is cutting the best Scotts that come to this market. The Udes, Richter, and Berdan, at Kirkwood, are also in line with fine cut blooms. Candidum lilies are coming in now and sell at $6 per hundred stalks. Sweet peas are a great glut and thousands are going to waste; still the price is up to 35 cents per 100. Valley is good and sells at $3. Smilax is quite plentiful at 15 cents per string.

Notes.

Mr. Carew Sanders will leave this week for Chicago to attend the meeting of the American Association of Nurserymen. Mr. Sanders is a cousin of Edgar Sanders of Chicago.

The Missouri State Horticultural Society held its annual meeting at Chillicothe, Mo., on June 6. One hundred delegates from throughout the state were in attendance. The meeting lasted two days and addresses were made by some of the most prominent horticulturists in the state.

C. Young & Sons Co. furnished all the flowers for the graduating class of the Mary Institute last Friday.

P. S. Sexton, formerly with C. Young & Sons Co., but now at Sedalia, Mo., was a visitor last week, calling on friends.

Tom Wilson, the carnation grower at Kimmswick, Mo., came up one day last week and called on the trade.

Wm. Holtz and Frank Ellis, after spending a few days of their honeymoon out of town, are back attending to the wants of the trade. Both are in the best of health and are still receiving congratulations from their many friends in and out of the city.

Wm. Trillow has retired from the management of the St. Clair Floral Co. and Hucke's place at Belleville. Dr. A. S. Halstedt is again in charge at St. Clair and Wm. Hucke at the Hucke place. Both will grow cut flowers for the St. Louis market the coming season. They are renovating and replanting and everything will be new and in first-class condition.

The bowling club is still waiting for the street car strike to end before it can do any rolling. The boys are eager to roll and no doubt when they do start it will be found that some of them are rusty and out of practice. A few of the boys go down in the afternoon and roll a few games, but as a club we will not roll until we can ride home. The chances for a team at New York are very slim. I read that Brother Donlan is very anxious for the western teams to enter. I can speak only for St. Louis and it will be July before we shall be sure of a team to represent St. Louis at the S. A. F. Convention.

J. J. B.

NEW YORK.

Trade Conditions.

According to the records of sales the condition of the cut flower market is about as poor as it is possible to get. During the past week roses have been sold for less than twenty-five cents per hundred, same for carnations, two dollars a hundred for paeonies, and any price a buyer thought of for the majority of other stock. Outdoor flowers, especially roses, are coming in in great quantities and the demand from a commercial point is very small. This state of affairs makes many in the trade think of vacation and we find quite a few going to Europe or indulging in fishing tours, and where a few years ago it was customary to publish the names and movements of the most prominent, nowadays it is different; the press has recently been requested not to publish what would be news to many.

Club Meeting.

The regular meeting of the Florists' Club was held on Monday night. There was a good attendance. Several of the committees reported progress on convention preparations. A motion to charge admission to the horticultural section of the exhibition was promptly voted down. The sporting committee reported that alleys and shooting grounds had been secured. The very beautiful cup, valued at $100, presented by the Lord & Burnham Co. as a prize for the bowlers, was shown and greatly admired; it will be illustrated in the several papers next week.

Mr. Miller, of East New York, exhibited a fine spike of the new canna Mrs. Kate Gray, a very large orange scarlet flower of the Austria-Italia type, apparently a fine flower for indoor cultivation. The entertainment committee supplied the usual program.

W. R. Smith, of Washington, D. C., and Robert Craig, of Philadelphia, were welcome visitors at the meeting. Both were given the privilege of the floor. Mr. Craig paid a very eloquent tribute to the life work of the venerable F. L. Harris, of Wellesley, Mass. He said he, in company with Messrs. Smith, Manda, O'Mara and several others, had just come from Boston, where they had attended a banquet given in honor of one of the greatest men connected with American horticulture; it was an affair of a lifetime and he was sure everyone who attended considered they were honored. His advice to all young men, and old ones, too, was to study and emulate the life and works of F. L. Harris. W. A. Manda, after a few words of the same nature, moved that Mr. Harris be elected an honorary member of the New York Florists' Club, which motion was unanimously carried.

Bowling.

The bowlers met in the afternoon. The following are the scores which count in the averages for selection of team:

J. Manda	154	167	144
W. Marshall	226	150	142
T. Lang	179	162	166
A. Burns	111	158	118
P. O'Mara	160	152	112
T. Roehrs	...	133	119
F. Traendly	...	133	141
A. Wallace	...	91	85
S. Butterfield	101	104	117
J. Donlan	161	109	124

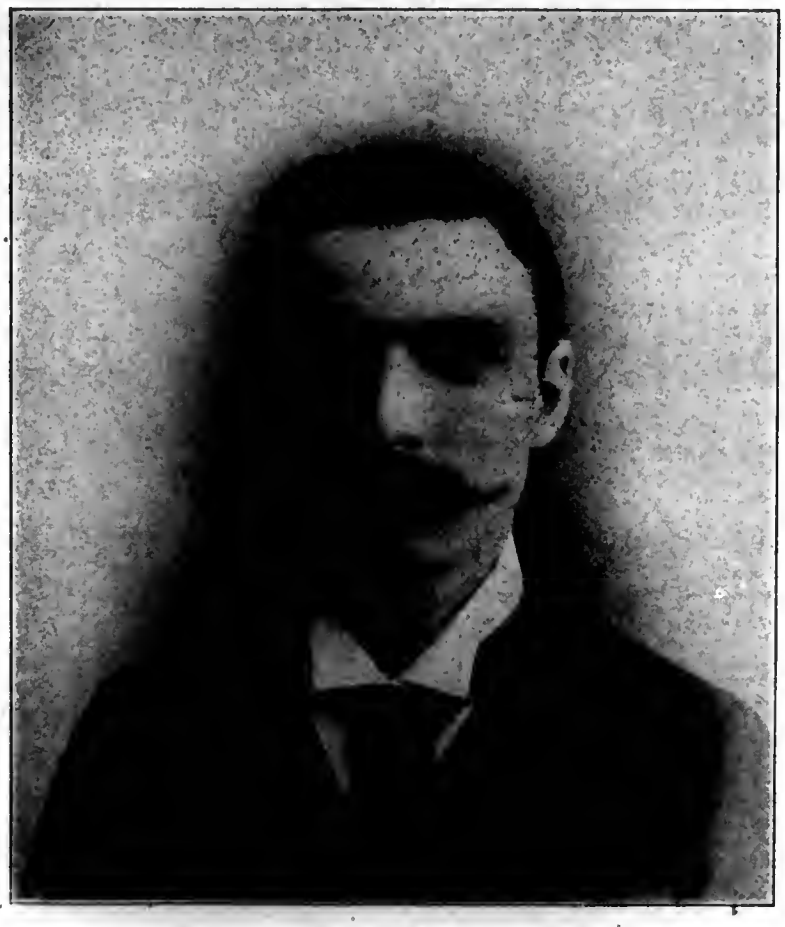
Scores rolled on the Flatbush alleys last Thursday evening were:

L. Schmutz	160	120	148
E. Dailledouze	152	141	146
P. Riley	155	267	149
H. Dailledouze	84	113	147
P. Dailledouze	123	123	129
W. Prosser	138	130	151
C. Wocker	113	106	93
A. Zeller	123	164	194
S. Butterfield	85	110	118
J. Donlan	102	121	103

Riley's fine score was within two points of E. Dailledouze's record of 269. It is to be hoped there will be several records made at the great tournament. Will some one tell us who holds the present record for highest score?

Various Items.

J. P. Cleary this week conducted



Leonard Barron, Secretary American Rose Society.

several days' auction sales of Japanese shrubs in a large store at Twenty-seventh street and Fifth avenue.

There are several prominent New York members of the profession at present visiting Chicago and we hope they will be well treated. We are informed that Chas. Weathered reached there safely on Saturday last, and J. Austin Shaw left for the city of breezes on Monday night.

This will be a busy week with exhibitions and meetings in New York.

J. I. D.

THE NURSERYMEN.

The twenty-fifth annual meeting of the American Association of Nurserymen which convened yesterday (Wednesday) at the Chicago Beach Hotel, Chicago, was the most largely attended meeting of the organization in many years. The hotel could not provide accommodations for all, the number was so large—estimated at over 200.

A cause of much congratulation was the success of a committee of the association in securing favorable action upon a Federal San Jose scale law to take the place of the several state laws now in force. The varying regulations of the different states have been the source of much annoyance to shippers of nursery stock. With regulations that will be uniform in all the states, shippers will know better "where they are at." The law drafted by the committee has been already passed by the house and now awaits the concurrence of the senate.

Niagara Falls was selected as the place for the next annual meeting, and officers for the ensuing year were elected as follows: Pres., Theodore J. Smith, Geneva, N. Y.; Vice-Pres., N. W. Hale, Knoxville, Tenn.; Sec'y, Geo. C. Seager, Rochester, N. Y.; Treas., C. L. Yates, Rochester, N. Y.; Executive Committee: Irving Rouse, Rochester, N. Y.; C. L. Watrous, Des Moines, Iowa.; E. Albertson, Bridgeport, Ind.

A few essays were read but the bulk of the time was devoted to discussion of live topics brought up by members present. And some of the papers prepared were merely ordered printed in the annual report.

Between sessions business went merriiy on in the hotel corridors. An immense amount of stock changes hands or is contracted for at these meetings.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

ETHERIZATION OF PLANTS.—Professor W. Johannsen, of Copenhagen, has issued a brochure on the etherization of plants, for the information of nurserymen. He states that he has devised an apparatus for the exposure of growing plants to the action of the vapor of ether; and states that, while killing the leaves already on the plant, it promotes the rapid and luxuriant development of the buds after removal from the ether box. The experiments were for the most part made on the lilac.

CHRYSANTHEMUM RUST. — This terrible pest is very bad this season in our neighborhood and I would strongly advise your many readers to keep a sharp lookout for it, and take precautionary measures. I have seen a collection which a fortnight ago looked well and is now completely spoiled. Our own collection is slightly affected, but I hope by perseverance to keep down the pest. We examine our plants at every opportunity and sponge the leaves at the least sign of rust with a strong solution of soft soap and petroleum.

VIOLET JAMES WALL.—This new double violet was exhibited in good condition at Norwich chrysanthemum show last November. Although not caring personally for the purplish shades, I think James Wall will become popular, as it is deliciously fragrant, and is a very free and constant bloomer. The raiser received a good many orders for plants at Norwich, and I have no doubt it will be largely grown by those who have profit in view. What a pity it is the old Neapolitan is so particular as to soil and situation, because for fragrance and delicacy of color no double violet equals it.

ANEMONE-FLOWERED CHRYSANTHEMUMS.—As several correspondents have expressed a wish to have a list of the twenty-four anemone-flowered chrysanthemums with which Mr. W. Ring won first prize at the N. C. S. exhibition, we have now the pleasure of publishing such a list: John Bunyan, Sir Walter Raleigh, Mrs. P. R. Dunn (new white), Mrs. Levin, Owen's Perfection, Mrs. Caterer (new), Mdlle. N. Brun, Jean Marty, W. W. Astor, M. Duplanloup, Empress, Mme. Cabrol, Ruche Toulonsaine, Robin Adair, Nelson, Mrs. Judge Benedict, Fabian de Mediana, Surprise, Descartes, Queen Elizabeth, Charles Lebocqz, Grand Alveole, Mme. Lawton, and Gladys Spaulding.

PYRETHRUMS. — These charming flowers grow well in moderately rich soil where moisture can be provided during seasons of drought. The plants will flower twice a year, first in June, and if cut clean down afterwards will bloom freely in September. A good selection of varieties would be: Double—Aphrodite, Argentine, Alfred Kelway, Captain Nares, Cleopatra, Emile Lemoine, Garibaldi, King Oscar, La Vestale, Leonard Kelway, Marquis of Bute, Melton, Niveum plenum, Nemesis, Prince of Wales, Princess D. Metternich, Rosy Morn, and Wilson Barrett. Single — Ayrshire, Beatrice Kelway, Captain Strachan, Duke of Connaught, Letus, Mrs. Bateman Brown, Dr. Parke, H. M. Stanley, Vivid Orlando, Octavia, and Sherlock.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

YOU CAN easily find what you want in The Review's Classified advs.

SAMUEL S. PENNOCK. Wholesale Florist

Until further notice, will be open from 6:30 a. m., to 10.00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its monthly meeting at the Vanderbilt building on Thursday, May 31st. Geo. Glassman and Wm. P. Mobam were elected to membership.

Thomas Cockburn read a very able paper on the cultivation of small, fruits, which incited a very interesting discussion. The society will hold an exhibition on the evening of the 14th inst. at the Vanderbilt building.

R. ANGUS.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—A 24x42 Wilks Hot Water Heater, as good as new; been in use 2 years; a bargain. Address A. Londenburg, Hobart, Ind.

FOR SALE OR RENT—Two greenhouses, 20x75 ft. each; fair condition, steam heat; good stock of plants on hand; write for particulars. J. S. Pumphrey & Son, Celina, Ohio.

FOR SALE CHEAP—On account of ill health, three greenhouses, one 20 x 50 feet, two 12 x 50 feet, with fine business, in a thriving city of 15,000 inhabitants. Hot water system. Houses to be moved. A splendid chance for a live man to make money. Small competition. Address 105 Linn Street, Janesville, Wis.

DO YOU want employment for the summer? You can make money by selling our Minnesota grown stock. Write for terms. The Jewell Nursery Co., Lake City, Minn.

WANTED—A young man for general propagating and rose growing, on a place of 14,000 feet of glass. Address J. H., care Florists' Review.

WANTED—Beauty grower for section of new houses. Call or address Brant & Noe, Forest Glen, Chicago, Ill.

WANTED—A good single man for general greenhouse work; retail place; must not be afraid of work; only steady man wanted; wages $25.00 per month with board and room; more if suited. Address Work, care of Florists' Review.

WANTED—A good all round greenhouse man, married or single. Give reference and state wages. Jacob Russler, 102nd and Butler Streets, Chicago.

FOR SALE—One-half interest in the business, or for rent, two up-to-date greenhouses, 20 x 50 feet each; everything new and in good running order, in a lively western city; a good opportunity for a first class florist to make money; no competition; 7000 inhabitants; best reason for selling. Address C, care Florists' Review.

FOR SALE—Greenhouses with 10,000 ft. of glass and 5 lots 125x25; steam heat and well stocked. In Chicago. Address 10, care Florists' Review.

WANTED—Place for two boys, age 17, to finish their trade; one has worked two years in greenhouses and on lawns; the other one year; they are good strong boys, not afraid of work. Address J. F. Brown, Florist, S. and S. O. Home, Knightstown, Ind.

WANTED—Position as manager of first class florist business by competent young man; married; can write former and present employers for reference; also want references from prospective employer; life experience in store and greenhouse work; used to handling help. Write Commercial, care Florists' Review.

WANTED—A trained florist, to work on shares a place of about 4,500 square feet of glass in northern Ohio; the place is a paying one and the right man can make it better; if he is the right man he can have the entire management, and he can make more than good wages; but he must have A1 references; this is a good chance for a young man. Address Fairchild, care Florists' Review.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

WANTED—Experienced man for teas and mum stock to work under foreman. Salary $25 00 and board per month to begin with. Poehlmann Bros., Morton Grove, Ill.

WANTED—Florist, must be sober, industrious and good designer. Write, stating experience and wages with board. D. C. Noble, Columbia City, Ind.

WANTED—Second-hand 4-in. soil pipe and fittings; must be in good usable condition; also can use a 20-horse power boiler of horizontal pattern. Address D. C. Noble, Columbia City, Ind.

SITUATION WANTED—A permanent situation as manager of commercial place, new one preferred. Will be at liberty July 1. Am up-to-date in every department. North-eastern Pennsylvania preferred. Address Practical, care Florists' Review.

WANTED—Immediately, a willing young man, between 19 and 25 years old, who has had two or three years' experience in rose houses; wages $25 and board per month; steady employment. Address G. O. Wilson, Fruitvale, Alameda Co., Cal.

WANTED—Two young men, able to take charge of a range of rose houses; must be experienced; references. Apply Emil Buettner, Park Ridge, Ill.

FOR SALE AT BARGAIN.

8 Greenhouses nearly new, hot water heat, dwelling, office, 4 lots. **A SNAP** if sold soon. Good reason for selling. **HENRY DIERS, Sibley, Ill.**

Mention The Review when you write.

FOR SALE = Six Greenhouses

In good repair, situated in a thriving town close to Chicago. These houses are well stocked with plants and the location is such that a good florist can work up an excellent trade in a very short time. Reason for selling and full particulars will be given by addressing 75, care Florists' Review.

Mention The Review when you write.

FOR SALE at a great sacrifice.

STOCK OF PLANTS AND SIX GREENHOUSES with latest improvements, steam heat, etc.; opposite cemetery; large ground fronting main street in prosperous town close to Chicago; street car passing the door; best opportunity to secure excellent investment and well-paying business. Reason for selling owner going to Europe. **S. SCHALLMANN & CO.,**

Room 1204, 138 Washington St., CHICAGO.

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FOR SALE.

240 acres of land on Isthmus of Tehauntepec, State of Vera Cruz, Mexico.

For full particulars write.

ROLAND HUGHES,

846 New York Life Bldg., KANSAS CITY, MO.

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JOHN B. FERGUSON, Wholesale Florist,

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We Command a Good Market.

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Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

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FOR SALE!

THE MORRIS FLORAL CO., At MORRIS, Illinois,

61 miles west of Chicago, doing a retail and wholesale business. Incorporated 1897. Doing a business that increased every year; increase of business over 1899 was $1,282.61 up to April 1, 1900. Reason for selling: A. Mitting, present secretary and manager, retiring, and there is no one else in the company who understands the florist business. The plant, with 2 houses, barn and 6 acres of land, cannot be built for $20,000 to-day. If you mean business, come and see it. Terms, $3,000 cash, balance good paper. For sale to the highest bidder. All bids will be opened on July 1st by the directors.

A. MITTING, Secretary.

Morris, Ill., May 15, 1900.

FOR SALE.

A fine farm of 439 acres of rolling land, under cultivation. A fine dwelling, good water, plenty of fruit trees. An excellent opportunity. Write for particulars. Price **$5,500 00.**

A large plant situated in a large town in Ohio. 60,000 feet of glass. A modern place fully equipped and stocked. Three dwellings; city store, furniture and equipments. Reasons for selling and price will be furnished on application.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 869.

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PRICE LIST.

ROSES.

Beauties, long	per doz.,	$3.00 to	$4.00
" medium	"	2.00	
" short	"	1.00	
Brides and Maids	per 100,	4.00 to	5.00
Meteor	"	4.00 to	5.00
Perles	"	4.00	
Roses, seconds	"	3.00	

CARNATIONS.

Standard sorts, select	per 100,	$1.50	.....
Fancy, select	"	2.00 to	$2.50

MISCELLANEOUS.

Pæonies	per doz.,	$ .50 to	$ .75
Harrisii	$8.00 per 100;	" 1.00	
Callas	"	1.50	
Migonette	"	.25	
Valley	per 100,	3.00 to	$4.00
Sweet Peas	"	.40 to	.60
Marguerites	"	.50	
Cornflower	"	.40	

DECORATIVE.

Asparagus	per string,	$ .50
Galax, green and bronze	per 1,000,	1.50
" " "	per 100,	.20
Ferns	$2.00 per 1,000; "	.25
Ferns, Malden Hair, choice,	"	.75
Smilax	per doz.,	2.00

Prices subject to change without notice.
All stock billed at market rates.

If Responsible Buyers Need High-Grade Stock.....

we can supply their wants at current market rates. We are now equipped to care for a few more buyers. As many of our growers have felt warranted in increasing their glass this spring, as soon as the new crops are on we shall be in a stronger position than ever before. Can we serve you?

E. C. AMLING,

Wholesale Cut Flowers,

32-34-36 Randolph Street, CHICAGO.

Mention The Review when you write.

THE MOST MONEY.

To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florists' Manual, by Wm. Scott, keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

CARNATIONS REGISTERED.

Registered by Geo. W. Love, Unionville, Pa.: "Brandywine." Color a pure white, with good size, long stiff stem and a calyx that does not burst. Habit of plant exceedingly good, free from diseases, and a profuse and continuous bloomer. For the American Carnation Society.

ALBERT M. HERR, Sec'y,
Lancaster, Pa.

HOBART, IND.—Trade has been very good this spring, especially the plant trade.

Ready for delivery on and after June 20,

MARIE LOUISE VIOLET PLANTS from soil,

at $20.00 per 1000. Clean, healthy stock.

L. R. LANE, - BABYLON, L. I.

Mention The Review when you write.

10,000 Excellent STOCKY 4-INCH LATANIA....

READY FOR SHIFTING. $20.00 per hundred; $190.00 per thousand.

WALTER RETZER & CO., 2045-2059 CLARENDON AVE.,
Successors to Albert Fuchs, CHICAGO, ILL.

Mention The Review when you write.

Burpee's Seeds Grow

FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

Mention The Review when you write.

Cabbage!=====Cabbage!

H. Succession, Early and Late Flat Dutch Drumhead Savoy and other varieties, field-grown plants. 15c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY. White Plume, Golden Self-Blanching, Giant Pascal, New Rose and other varieties. 10 acres will soon be ready. 15c per 100, $1.00 per 1000, $8.50 per 10,000. (Large enough now for transplanting at 75c per 1000.)

TOMATO, Stone Paragon, Royal Red and other varieties, field-grown, 15c per 100, $1.00 per 1000, $8.50 per 10,000.

Any of the above plants by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

FOR SALE. Marie Louise Violets....

20,000 rand rooted cuttings will be ready June 20. These cuttings are clean and free from disease. Please come and see for yourself. The above cuttings are $15 00 per 1000; cash with order. Orders booked now. Also, clumps of Marie Louise Violets at $4.00 per 100—clean and full of well rooted runners.

C. LAWRITZEN, Flat Rock Greenhouses, Rhinebeck, N. Y. (On the Hudson.)

Mention The Review when you write.

PLANTS...

Celery, Tomato, Cabbage, Peppers, Etc.

Cheap in Large Lots.

J. S. LINTHICUM, WOODWARDSVILLE, A. A. Co., MD.

Always mention the Florists' Review when writing advertisers.

BALTIMORE.

Once or twice during the week ending with this day, June 11th, the market seemed on the verge of an utter collapse, but a wedding or two and some moderate demands for funeral purposes temporarily revived a transient and halting activity. There have been many weddings and some commencements, and there are more to come, but out-of-door flowers are in so profuse supply that the retailer gets very little out of these events. The day of the paeony, however, is about over for this year.

In my notes of last week the types changed the name of Mr. Charles Bassler, who is the capable and active gardener at the Lurman place. Mr. B. is well known in this community and everyone will recognize that he was meant, but there is no fun or glory either in "being killed on the battlefield and having your name spelled wrong in the gazette."

RIX.

CHEAPER COAL.

In our Chicago notes in this issue will be found a report of the Chicago Florists' Club's committee on the co-operative purchase of coal, indicating that the committee will be able to make a very material saving for the growers participating. Final action will be taken at the meeting of the club to be held to-morrow (Friday) evening.

Is there not a useful suggestion for florists in other cities in the work of this committee? Many thousands of dollars could be saved to growers all over the country by acting together with other local growers. And a dollar saved is surely a dollar earned.

A "COAL ROOM."

A typographical error in our last issue made us intimate that Mr. Hartshorne kept his carnations in a "coal" room instead of a cool room. A "coal" room for keeping carnations would certainly be a startling novelty.

It is wonderful how some little typographical error will entirely change the sense. We are reminded of the poet who wrote: "He kissed her under the bright stars," and was appalled to find the types made him say: "He kissed her under the back stairs."

LONG STEMMED CARNATIONS.

We have received from Mr. N. Greivelding, Merrill, Wis., a box of Flora Hill carnations, the stems of all exceeding 3½ feet in length. Mr. Greivelding writes that the plants measured four feet from soil to top of flowers. They were certainly excellent blooms.

EAU CLAIRE, WIS. — Mr. Fred Gadsby has rented the Oakdale Greenhouses to Mr. Wm. G. Newell, formerly of Des Moines, Ia.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

Carnation Blooms...
In Unlimited Quantities, Shipped to all points.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

Cut Flowers.
VALLEY for the June Brides.
AMERICAN BEAUTIES a Specialty.
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., - Milwaukee, Wis.

Paeonies...

Paeonies $4 to $5 per 100.

We will this year, as we did last, have Paeonies until July 4th.

All shipments of Paeonies guaranteed to arrive in good order at any point in the United States.

Paeonies $4 to $5 per 100.

These flowers are unequalled for Commencements, making a splendid show at a moderate cost.

Paeonies $4 to $5 per 100.

CUT FLOWER PRICE LIST.

	Per doz.
Beauties, long	$3.00 to $4.00
" medium	2.00 to 3.00
" short	.75 to 1.00
	Per 100.
Perle	$3.00 to $4.00
Bride, Bridesmaid	3.00 to 5.00
Meteor	3.00 to 6.00
Roses, our selection, assorted	3.00
Carnations, extra select fancy	2.00
Fancy Stock	1.25 to 1.75
Medium Grade	1.00 to 1.50
Smilax	15.00 to 18.00
Callas and Harrisii	10.00
Daisies	.50 to 1.00
Lily of the Valley	4.00
Alyssum	.25
Sweet Peas	.40 to .75
Pæonies	4.00 to 5.00
Corn Flower	.40
Common Fern	.25
" " per 1000	2.00

A Full Supply of All Other Seasonable Flowers.

KENNICOTT BROS. CO.

42 and 44 East Randolph Street, CHICAGO, ILL.

DENVER, COLO.

The store men all report a good trade the past two weeks. Beginning with Decoration Day flowers began to get scarce, that is, roses and carnations. Plenty of outdoor stuff, but that went off slowly. There was a tremendous call for Beauties, and as they ran short Brides and Maids went; carnations, also, were well cleaned up by night. Then came the school commencements and we had three good days of it. Beauties of course were the favorites and what were to be had were ordered long in advance. Reminded one very much of Easter or Christmas when they would offer any price for a dozen long ones, but they were not to be had.

We are now in the midst of the paeony season. Some very fine ones are to be seen, especially those grown by Wilmore. He has a pink one that is really a "beaut;" would beat a Maud Dean mum if it wasn't for the fact that it is a paeony.

Indoor sweet peas that have had a fine run all spring have begun to look "grassy," and we look for the outdoor ones very soon. Carnations, while still good in quality, are a little too good in quantity; prices hold up, though, and would rather waste a few than drop the price.

There have been a few weddings of late, but none calling for any great amount of work. The only decoration of note being the ball given by the University Club. The decorations for this were quite elaborate.

The columbine is making its first appearance in the store windows. There is something about the columbine that's nice. You in the East may have your goldenrod; or the Scotchman his thistle, and the Irishman his wild Irish rose, but for a Coloradoan give me the columbine.

On Friday last a florists' club was organized, the purpose of which will be to hold a fall show at the city park. Officers were elected and committees appointed, including an irrigation committee. The president did not say what the duties of the last named committee shall be; they are to act during the show. Some pretty good stuff is brewed here, but I think the best comes over from St. Louis. Another meeting will be held Friday evening, when all necessary arrangements will be completed and the club will start out on a good footing.

ROCKY.

PARK AND OUTDOOR ART ASS'N.

At the convention of this association in Chicago last week it was decided to hold the next annual meeting in Milwaukee.

Officers for the ensuing year were elected as follows: President, L. E. Holden, Cleveland, O.; vice-president, J. C. Olmsted and E. J. Parker; secretary, Warren H. Manning, Boston; treasurer, O. C. Simonds, Chicago.

Young Beauty and Rose Plants

We offer the following stock subject to previous sale:
Plants are first class in every respect.

		Per 100	Per 1000
3000	Am. Beauties, 2-inch pots,	$6.00	$50.00
4000	Meteors, "	3.00	25.00
3000	Bridesmaids, "	3.00	25.00
4000	Brides, "	3.00	25.00

All orders will be shipped from Hinsdale, Ill.

BASSETT & WASHBURN,

Store, 76 and 78 Wabash Ave., CHICAGO, ILL. Greenhouses, Hinsdale, Ill.

Mention The Review when you write.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON LA FRANCE AMERICAN BEAUTY PRESIDENT CARNOT
3-inch pots, $3.00 per 100; 4 inch pots, $12 00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET, PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE.
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

GOLDEN GATE ROSES, Thrifty stock, from 2½-inch pots, $4 per 100; $35 per 1000.

'MUMS, From 2½-inch pots. Mrs. Henry Robinson, Mrs. O. P. Bassett, Major Bonnaffon, Frank Hardy, Ivory, $2.50 per 100. Willowbrook, best early White, $4 per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

SPECIAL PRICES!!!
FOR TEN DAYS ONLY.

Geraniums—Choicest varieties, true to name. Bruanti, best scarlet bedder (in quantity); S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, La Favorite, White Swan, Mme. Jaulin, Frances Perkins, Mme. Gaar. SINGLE—White Mme Bruant, Dr. Jacoby, $2 25 per 100; $20.00 per 1000. Rose Geraniums, $1 50 per 100, strong 2½-in. Mme. Salleroi, strong 2-in., $1 50 per 100.

Coleus—Separate colors, beautiful varieties, $1.50 per 100, strong 2-in.

Ageratum—Princess Pauline, strong, 2-in., $1.50 per 100.

Fuchsias—Choicest varieties, 2-in., $1.50 per 100.

Alternanthera—Red and yellow, 2-in , $1.50 per 100.

Alyssum—2-in., $1.50 per 100.

Giant Comet Asters (true)—Pure white and mixed colors, $1.50 per 100.

25,000 2½-inch **Roses**, no finer stock grown. Brides, Perles, Meteors and Maids, $3.00 per 100. Kaiserin and Golden Gate, $4.00 per 100. Guaranteed satisfactory in every respect.

If you are in need of plants for stock order at once, with cash, please.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**
FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

Rose Plants
Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES,
3-inch, $4.00 per 100; $35.00 per 1000.
2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

3309 W. Western Ave., CHICAGO, ILL.

Mention The Review when you write.

FORCING ROSES.

	2½-inch.	3½-inch.
Brides	$2.75 per 100	$4.00 per 100
Bridesmaids	2.75 "	4.00 "
Perles	3.00 "	4.50 "
Sunsets	3.00 "	4.50 "

All other varieties. Send for lists.

NATIONAL PLANT CO., Dayton, Ohio.

Always mention the Florists' Review when writing advertisers.

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3 00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	8.00
Golden Wedding	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

Chrysanthemums

FOR ALL PURPOSES.

NOVELTIES AND STANDARD VARIETIES....

Send us a list of your wants for LOWEST CASH PRICES.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

CHRYSANTHEMUMS!!

Cullingsfordii	Mrs. Jerome Jones
Glory of Pacific	Mrs. S. T. Murdock
Minerva	Mme. F. Bergmann
Ivory	Rose Owen
Mrs. J. G. Whilldin	The Queen

And other varieties from 2½-in. pots, $2.00 per 100.

Aster Semple and Victoria Plants, from seed bed, 25 cents per 100, $2.00 per 1000.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

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INCREASE YOUR SALES

CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

W. E. HALL, Clyde, O.

E. G. HILL & CO., - - Richmond, Ind.

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NEW CARNATIONS. ....NOW READY.

G. H. CRANE, The Best Scarlet Carnation Ever Introduced. Price, $6 00 per 100; $50.00 per 1000.

GENERAL MACEO, The Best Crimson Carnation. $6.00 per 100; $50.00 per 1000.

GENERAL GOMEZ, 15,000 Cuttings Ready. $5.00 per 100; $40.00 per 1000.

MRS. JAMES DEAN, $3.00 per 100; $25.00 per 1000.

GERANIUMS

NOW READY.
From 2½-inch Pots.

Mme. Barney, Countess de Castris, Mme. Jaulin, $3.50 per 100. Alphonse Riccard, $4.50 per 100. Mars, $5.00 per 100. Surprise, Marquese de Montmort, $4.00 per 100. John Doyle, $6.00 per 100. Double H. Jacoby, $10.00 per 100.

IVY-LEAVED GERANIUMS. A Fine Collection from 2-in. Pots.

THE COTTAGE GARDENS, QUEENS, N. Y.

Mention The Review when you write.

SMILAX

From Pots, Ready Now.

$1.50 per 100; $15.00 per 1000.

Asparagus Plumosus

From 3-in. Pots, ready July 15th.
$6.00 per 100; $50.00 per 1000.

You will make no mistake in sending me your order. This stock is of the same high quality as that furnished last season. Samples furnished to new customers if desired.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Last Call....

	Per 100
10,000 Coleus, named, our selection, 2¼-in	$1.50
5,000 Geraniums, named and mixed, 2¼-in	2.00
500 Maidenhair Ferns, 2½-in	4.00
3,000 Iresines, red and yellow, 2¼-in	1.50
1,000 Alternanthera, large leaved only, 2½-in.	1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
500 Lygodium Scandens, Climbing Fern, 2½-in	4.00
1,000 Fuchsias, mixed, 2¼-in	1.50
300 Asparagus Plumosus, 7-in	20.00

CASH.

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

EDWARD B. JACKSON,

Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Always mention the Florists' Review when writing advertisers.

Smilax.

	Per 100
Fine plants, 2-in. pots, $8.00 per 1000.	$1.00

Asparagus Sprengeri, 2-in. pots 3.00
Plumosus Nanus 4.00

Primroses, July 1, Chinese, Forbesi, Obconica, Grandiflora and Rosea..... 2.00

Pansy Seed, large flowering, August 1, per oz..... 4.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention The Review when you write.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000.

Geraniums. S. A. Nutt and Bruanti, $6.00 per 100; 3-in., $3.50 per 100, including Sailerol.

Roses in 3-in. pots, ready to plant, $4.00 per 100; $35 00 per 1000. **Red and Yellow Alternanthera,** $2.00 per 100; $15.00 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Carnations.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.

Cane Plant Stakes

$2.00 per 1000.

CASH WITH ORDER.

W. W. HENDRIX; Bowling Green, Ky.

Mention The Review when you write.

FIELD GROWN CARNATIONS

Orders booked now for fall delivery.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var. trailing, 2¼-in., $4.00 per 100; R. C., $1.50 per 100.
Greene & Underhill, Watertown, N. Y.

Six leading sorts, $2.00 per 100.
The Good & Reese Co., Springfield, O.

Abutilon Souv. de Bonn, 3-in., $4.00 per 100.
Geo. L. Miller, Newark, Ohio.

ACALYPHA.

2000 of two of the best dark varieties for bedding; well-grown plants, in 3½-in. pots.
A. Wollmers, 215 25th St., Brooklyn, N. Y.

Sanderi, 3½-in., $8.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Acalypha Sanderi, 2½-in., 75c a doz.
The Good & Reese Co., Springfield, O.

AGERATUM.

Three kinds, Princess Pauline, blue, white and variegated, $2.00 per 100.
The Good & Reese Co., Springfield, O.

Ageratum, blue and white, $1.00; Princess Pauline, $1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Princess Pauline, 2-in., $1.50 per 100.
South Side Floral Co., Springfield, Ill.

Blue and white, 2-in., $2.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

ALTERNANTHERA.

Red and yellow alternanthera, $2.00 per 100; $15.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Alternantheras, red and yellow, 2-in., $1.50 per 100.
South Side Floral Co., Springfield, Ill.

2-in. pots, P. Major, $1.75 per 100; A. Nana, $1.50 per 100 cash.
C. A. Harris & Co., Delanson, N. Y.

Alternantheras, red and yellow, 50c per 100; $4.00 per 1000.
C. Otto Schwabe, Jenkintown, Pa.

1000 alternantheras, large leaved only, 2½-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

Alternanthera, P. major and A. nana, $3.00 per 100. S. Muir, 3530 Michigan Ave., Chicago.

Alternanthera, 2¼-in., $2.50 per 100; $20.00 per 1000. Greene & Underhill, Watertown, N. Y.

ALYSSUM.

Alyssum, Dbl. Giant, $1.00; var., $1.25 per 100. Greene & Underhill, Watertown, N. Y.

Double Sweet Alyssum, $2.00 per 100.
The Good & Reese Co., Springfield, O.

Alyssum, 2-in., $1.50 per 100.
South Side Floral Co., Springfield, Ill.

Giant double alyssum, 3-in., $3.00 per 100.
E. J. Cloud, L. B. 32, Avondale, Pa.

ANTHERICUM.

Anthericum Honterinum, in 4-in. pots.
A. Wollmers, 215-217 25th St., Brooklyn, N. Y.

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Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
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Assorted ferns in flats ready for shipment June 1, $2.00 per flat. Assorted ferns, ready for immediate shipment, 2-in. pots, $30.00 per 1000. Bobbink & Atkins, Rutherford, N. J.

BOSTON FERNS—a specialty. Cut from bench at from $5.00 per 100; $40.00 per 1000, to 50c each.
L. H. Foster, 45 King St., Dorchester, Mass.

Adiantum Farleyense. Nice young plants, ready for a shift, 2½-inch pots, $10.00 per 100.
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500 true maidenhair ferns and 500 Lygodium scandens, climbing fern, 2½-in., $4.00 per 100. Morris Floral Co., Morris, Ill.

Polystichum proliferum, mailing size, $2.50 per 100; 3-in., $7.00. A. & G. Rosbach, Pemberton, N. J.

Nephrolepis cordata compacta and Boston fern, 2-in., $4 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Nephrolepis cordata compacta, fine plants from bench, $2.00 per 100. Cash with order.
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Large sword ferns, fine, $3 per 100; $15 per 1000. Reasoner Bros., Oneco, Fla.

Boston Fern, $5.00 per 100.
The Conard & Jones Co., West Grove, Pa.

Boston ferns, strong, $5 per 100.
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Feverfew, Little Gem, 3-in., $3.75 per 100.
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"The Classified Advs. bring big returns" is the verdict of the advertisers.

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Elastica, 2½-in., doz., $3; per 100 $20.
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Ficus elastica, 3½-in., $3.00 per doz.
Greene & Underhill, Watertown, N. Y.

FORGET-ME-NOTS.

Strong clumps of Victoria Forget-me-nots, ready for 4-in. pots, $4.00 per 100.
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Moore's Early Grapes (genuine). Bearing vines, 2 yrs. trans., $2.00 per 100.
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FUCHSIAS.

In variety, 4-inch pots. The selection of sorts to remain with us. Price, $5.00 per 100. Packing free. Cash please.
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In five best varieties, bud and bloom, 4-in., $1.00 per doz. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

All the best varieties, double and single, 2½-in., $1.50 per 100.
The Good & Reese Co., Springfield, O.

Fuchsias, 2¼-in., $3.00; 3-in., $4.00; Trailing Queen, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Fuchsias, 2-in., choicest varieties, $1.50 per 100. South Side Floral Co., Springfield, Ill.

1000 fuchsias, mixed, 2¼-in., $4.00. Cash.
Morris Floral Co., Morris, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

GERANIUMS.

Surplus stock in bud and bloom.

Heteranthe	200 4-in., 100 3-in.
General Grant	300 4-in., 150 3-in.
Mrs. Beadsley	360 4-in., 150 3-in.
S. A. Nutt	360 4-in., 650 3-in.
La Favorite	50 4-in., 200 3-in.
Queen of the West	60 4-in., 50 3-in.
Illuminator	275 4-in., 100 3-in.
E. Lauth	150 4-in.
Single Salmon	100 4-in.
Mixed Colors	500 2½-in.

4-in., $6.00, 3-in., $4.00, 2½-in., $2.00 per 100. All strong plants. Cash with order.
Lord & Johnson, Owatonna, Minn.

Mars, 2, 2¼ and 3-in., $4.00, $6.00 and $8.00; R. C., $2.50 per 100. Rose Scented, 2¼-in., $3.00. Mme. Bruant, 2-in., $4.00; R. C., $2.00. S. A. Nutt, La Favorite, 2¼-in., $3.00; 3-in., $6.00. Mme. Salleroi, 2-in., $2.00; 2¼-in., $2.50 to $3.00; 3-in., $6.00; R. C., $1.25 per 100. Ivy, mixed, 2¼-in., $3.00. R. C., $1.25; assorted, $1.50; Happy Thought, Mrs. Pollock, Mme. Taylor, Dr. Livingston, $2.00. Sweet Scented, Bronze, Silver Leaf, $1.50; Freak of Nature, $2.50; Mrs. Parker, $4.00.
Greene & Underhill, Watertown, N. Y.

Choicest varieties true to name. Bruantii, best scarlet bedder, S. A. Nutt, Beaute Pointevine, Mrs. E. G. Hill, La Favorite, White Swan, Mme. Jaulin, Frances Perkins, Mme. Gaar; singles—white Mme. Bruant, Dr. Jacoby, at $2.25 per 100; $20.00 per 1000. Rose Geraniums, strong 2½-in., $1.50 per 100. Mme. Salleroi, strong 2-in., $1.50 per 100. Cash.
South Side Floral Co., Springfield, Ill.

In 4-inch pots, in bud and in bloom, composed of the following varieties: Beaute Poitevine, La Favorite, Marguerite De Lyas, Ruy Blas, Van Dale, E. G. Hill, Jas. Garr, Mrs. F. Perkins, Alphonse Riccard, Wilhelm Pfitzer, and several other No. 1 varieties, all in fine condition or no sale, $5.00 per 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

Geraniums from 2½-in. pots now ready. Per 100. Mme. Barney, Countess de Castris, Mme. Jaulin, $3.50, Alphonse Riccard, $4.50, Mars, $5.00, Surprise, Marquis de Montmort, $4.00, John Doyle, $6.00, Double H. Jacoby, $10.00. Ivy-leaved geraniums, a fine collection from 2-in. pots. The Cottage Gardens, Queens, N. Y.

Geraniums, well established plants, 2½-in. pots, best varieties, double and single. Our selection, $2.50 per 100; $20.00 per 1000. Ivy Geraniums, best double, $2.50 per 100.
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Single and double Grant from 3½-in., strong plants nearly in bloom, $4.00 per 100; mixed from 2½-in. and 3½-in., at $2.50 and $3.50 per 100. Cash. J. Ambacher, Long Branch, N. J.

In leading varieties, 3½- and 4-inch pots, $5 and $6 per 100; extra good stock, $8 per 100; $60 per 1000. R. E. Ede, Coney Island Ave., Parkville, Brooklyn, N. Y.

Geraniums, double, single and ivy. All the best sorts. Fine plants from 2 and 2½-in. pots, $2.00 per 100.
Fairview Floral Co., Beatty, Ohio.

Bonnatt, Single and Double Grant, Rev. Atkinson, Mrs. E. G. Hill and S. A. Nutt, 3-in., $5.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Good varieties, from 4-in. pots, $5.00 a 100. Strictly cash with order. L. I. Neff, Florist, 218 Sixth street, Pittsburg, Pa.

S. A. Nutt and Bruanti, $6.00 per 100; 3-in., $3.50 per 100, including Salleroi.
Crabb & Hunter, Grand Rapids, Mich.

Geraniums, the best bedding varieties, 4-in., $4.00 per 100; 2½-in., $1.50 per 100.
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Only the best standard varieties, 2½-in. pots, $2.50 per 100; $20.00 per 1000.
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Geraniums. Exquisite, Bismarck, $2.50 per 100; $25.00 per 1000.
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Geraniums, 30 finest bedding varieties in bud and bloom, 3½-in., $6.00 per 100.
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Geraniums, 3-in., in bud and bloom, $3.00, Mme. Salleroi, 2½ and 3-in., $2.50 per 100.
Groves Bros., Carthage, Ohio.

2000 fine bedding geraniums, pink, red and salmon. Geo. A. Kuhl, Pekin, Ill.

Pink Beauty, 3-in. pots, $3.50 a 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

5,000 geraniums, mixed, 2¼-in., $2.00 per 100.
Morris Floral Co., Morris, Ill.

Apple geraniums, 2½-in., strong, 3c.
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In variety, 3-in., $4 per 100. Cash.
Wm. Stuppe, Hollis, N. Y.

Mme. Salleroi, strong, 2¼-in., $2.50 per 100.
J. M. Smely, Aurora, Ill.

GREVILLEA.

Robusta, 2½-in., $2.50 per 100.
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The following varieties of hardy "Sweet May" pinks, strong 2-in. pot plants: Abbottsford, Alba Fimbriata, Attractive, Her Majesty, Juliette, Old Fashioned, New Mound, $2.50 per 100; $20.00 per 1000.
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Ampelopsis variegata (variegated grape), one of the most desirable hardy climbers. Foliage, green, white and pink, furnished in autumn with berries white to dark purple in color; rapid grower and sprays work in to good advantage for bouquets and floral designs. Strong plants, $1.80; rooted cuttings, 80c per doz., delivery prepaid. Samples, 10c in stamps.
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5000 Ampelopsis Veitchii, long, live tops, pot-grown, dormant, at $3.00 per 100 or $25.00 per 1000. Carex Japonica, Golden Glow, Blue Moon Vines, Halleana and Golden Honeysuckle, Blue and Crimson Spiraea, all from 2½-in. pots, good, 3 cts each, as many as you want. Cash.
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25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

New Deutzia Lemoinei, 2½-inch pots, $3.00 per 100. Spiraea Anthony Waterer, 2½-inch pots, $2.00 per 100. Jacob Thomann, 312 N. Goodman St., Rochester, N. Y.

Yucca Aloifolia. Very strong plants, 4 years old, nice for vases and lawns, $20.00 per 100; $3.00 per doz. Cash with order. August Wenk, Tannersville, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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Hardy phlox, choice assortment, 2½-in., $3 per 100. Rhododendrons, 2 colors, crimson and pink, each, 75c.; doz., $7.00.
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1000 Perennial Phlox, good assortment, strong, 2-in. pots, $2.00 per 100; the 1000 for $15.00 cash. C. G. Nanz, Owensboro, Ky.

Bignonia Radicans, fine 2-year vines, $1.50 per doz. Mrs. W. F. Griswold, Worthington, Ohio.

Arundo Donax variegata,, 5c. Eulalias, three varieties, 3c.
H. Steinmetz, Raleigh, N. C.

Sweet Williams, from frames, $3.00 per 100.
E. & C. Woodman, Danvers, Mass.

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A few hundred heliotropes, good varieties, from 2½ and 3½-in., $2.00 per 100.
C. G. Nanz, Owensboro, Ky.

Heliotrope, R. C., $1.25 per 100.
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12 varieties, 2-in. pots, $2 per 100. Cash.
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Ten leading sorts, 2½-in., $2.00 per 100.
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HYDRANGEAS.

Otaksa, Hortensis, Monstrosa, Thos. Hogg, 2½-in., $2.50 per 100.
The Good & Reese Co., Springfield, O.

IVIES.

English Ivy and Ampelopsis Veitchii, 2-in., $3.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

English ivy, strong, from pots, $10.00 per 100. Cash. J. Ambacher, Long Branch, N. J.

English Ivy, 2-in., $3.00 per 100. Cash. Henry Engler, 4651 Lancaster Ave., Phila., Pa.

2½-in. per 100,, German, $1.50; English, $3.
The Good & Reese Co., Springfield, O.

German ivy, 2¼-in., $2.00; R. C., $1.25 per 100.
Greene & Underhill, Watertown, N. Y.

LANTANAS.

Leading sorts, 2½-in., $2.00 per 100. Weeping lantana, per 100, $1.50.
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LOBELIA.

Crystal Palace, 3-in.. fine, $2.50 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

Lobelia, 2¼-in., $2.00.
Greene & Underhill, Watertown, N. Y.

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Moonvines, from 2½-in. pots, $2.50 per 100.
J. Palmer Gordon, Ashland, Va.

Moonvines, white, $1.00 per 100.
J. E. Jackson, Gainesville, Ga.

Moonvines, 3-in., with runners, $3.00 per 100.
Groves Bros., Carthage, Ohio.

OLEANDERS.

Double pink, yellow and white, 2½-in., $4 per 100.
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ORANGES.

Otaheite, 2½-in., $2; 3-inch, $4 per 100.
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ORCHIDS.

Orchids! To be closed out at once. The Koffman Collection, Walden, N. Y. Well established, prolific bearing Cypridedium, in perfect condition, will be sold by the hundred or thousand growths. Choice specimens, also a few rare Dendrobium and Coelogynes. J. B. Bloomingdale, 78 Fifth Ave., New York.

We have in transit and due shortly Laelia purpurata, L. grandis tenebrosa and Oncidium varicosum Rogersii. On hand we have Cattleya Percivalliana, C. Mossiae, L. anceps and L. autumnalis. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

REDUCED PRICES ON LATANIA BORBONICA.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.
4	15-18	4-5	.16	1.50	13.00
5	18-20	5-6	.40	3.50	32.00
6	20-22	5-6	.55	5.00	46.00

These planta are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

ARECA LUTESCENS.

	Each.
6-in. pot (3 plants), very bushy, 24-in.	$1.00
3-in. pot (3 plants), very bushy, 26 to 30 in. high	2.00

KENTIA BELMOREANA.

	Doz.	100.
4-in. pots, 5-6 lvs, 15-18 in. high	$ 6.00	$ 50.00
6-in. pots, 6 lvs, 20 to 24 in. high	18.00	150.00

KENTIA FORSTERIANA.

	Doz.	100.
4-in. pots, 4-5 lvs, 15-18 in. high	$4.50	$35.00
5-in. pots, 5 lvs, 18-24 in. high	9.00	75.00
	Each.	Doz.
6-in. pots, 6 lvs, 28-30 in. high	1.25	15.00

Measurements from top of pots.
JOSEPH HEACOCK, WYNCOTE, PA.

Per 100: Latania borbonica, 2½-in., $4.00; 3-in., $8.00. Phoenix reclinata, 3-in., $8.00; Phoenix canariensis, 2½-in., $3.50. Areca lutescens, 2½-in., $4.00. Washingtonia filifera, 2½-in., $1.50. Livistona rotundifolia, 3-in., $2.00 a dozen. Aspidistra lurida, 2½-in., $4.00 per 100. The Good & Reese Co., Springfield, O.

10,000 excellent, stocky 4-in. latanias, ready for shifting, $20.00 per 100; $190.00 per 1000. Walter Retzer & Co., successors to Albert Fuchs, 2045-59 Clarendon Ave., Chicago.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

Pandanus Veitchii, cool grown, handsome plants, 7-in. pots, $1.50 each.
John Welsh Young, Germantown, Pa.

Latania borbonica, fresh seeds, $1.50 per 1000, by express; $2.00 per 1000, by mail.
Reasoner Bros., Oneco, Fla.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Small plants all sold; none but flowering plants from field at $2.00 per 100 and up. C. Soltau & Co., 199 Grant ave., Jersey City, N. J.

Pansy plants, in bloom, extra choice colors, stocky plants, $1.00 per 100; $8.00 per 1000. Cash with order.
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10,000 mammoth French pansy plants, Bugnot's and Cassier's strain. Cold-frame grown, in bud and bloom, $1.25 per 100; $12.00 per 1000.
Converse Greenhouses, Webster, Mass.

Strong field-grown plants in bloom, good assortment, strong stocky plants. $1.25 per 100; $10.00 per 1000. Cash with order.
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Pansies, Dreer's Royal Exhibition, cold-frame grown, 3-in., $2.50; 2½-in., $2.00 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

Pansy plants, in bloom, $1.50; in bud, $1.00 per 100; $8.00 per 1000.
Greene & Underhill, Watertown, N. Y.

If you read these advs. others would read yours.

PETUNIAS.

Double Petunias, 4-inch pots, $6.00 to $8.00 per 100; 3-inch pots, $3.00 to $4.00 per 100; 2-inch pots, $2.50 per 100. Cash. Wm. Stuppe, Hollis, N. Y.

Double petunia Esmerelda, best mottled variety, fine plants from 3-in. pots, $2.50 per 100. Fairview Floral Co., Beatty, Ohio.

Single petunias, choice mixed, 2½-in., $2.00 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

Petunias, single, 2¼-in., $3.00; 3-in., $4.00. Dbl., 2¼-in., $6.00; 3-in., $8.00.
Greene & Underhill, Watertown, N. Y.

PRIMROSES.

Chinese, obconica grandiflora and rosea, Forbesi, ready July 1, $2.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

2½-in., per 100: Chinese and obconica, $2.50; Forbesii (Baby), $2.00.
The Good & Reese Co., Springfield,, O.

Baby Primrose. A good thing, 2½-in., in bloom, $3.00 per 100; $25.00 per 1000.
John A. Doyle Co., Springfield, O.

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ROSES.

The following varieties at $2.00 per 100; $17.50 per 1000; 25 at hundred rate, 100 at thousand rate; 30 cents a dozen: Augustine Halem, Aline Sisley, Antoine Verdier, Adam, Anna Olivier, Archduke Charles, America, Alister Stella Gray, Bertha Clavel,, Bridesmaid, Bougere, Baltimore Belle, Bennett's Seedling, Caroline Marinesse, Christine de Noue, Climbing la France, Crown Prin's Victoria, Clothilde Soupert, Catherine Mermet, Comtesse de Frigneuse, Cornelia Cook, Chas. Legrady, Claire Carnot, Coquette de Lyon, Comtesse Riza du Parc, Duchess of Albany, Devoniensis, Dr. Grill, Duchess de Brabant, Empress Eugenie, Empress of China, Enchantress, Etoile de Lyon, Golden Gate, General Tartas, General R. E. Lee, Golden Chain, Henry M. Stanley, Helen Cambier, Isabella Sprunt, Joseph Metral, Jule Finger, La France, Letty Coles, La Princess Vera, Louis Phillippe, Louis Richard, Mde. de Wattville, Mde. Hoste, Mde. Lambard, Mde. Pernet Ducher, Mde. Welche, Mde. Abel de Chateney, Mde. Eli Lambert, Mde. Schwalier, Mde. Scipion Cochet, Mde. Caroline Kuster, Mde. Margottin, Mde. Pauline Labonte, Mde. Jure, Mde. de St. Joseph, Md'lle C. Berthod, Md'lle F. Kruger, Marie Van Houtte, Meteor, Media, Maman Cochet, Muriel Graham, Marie Guillott, Maurice Rouvier, Marechal Robert, Monsieur Furtado, Marie Ducher, Mosella, Marechal Niel, Perle des Jardins, Princess Venosa, Pink Rambler, Ophelia, Queens Scarlet, Reine O. de Wurtemburg, Mrs. Robert Garrett, Royal Cluster, Reine Marie Henrietta, Safrano, Souv. d'un Ami, Snowflake, Sombreuil, Souv. de le Maimaison, Souv. de Pres. Carnot, Souv. de C. Guillott, Souv. de Mme. Eugene Verdier, Striped La France, The Queen, The Bride, Tri. de Pernet Pere, Viscountess Wautier, White Daily, White Rambler, White La France, W. A. Richardson, Yellow Rambler.

Newer Roses—The following at 60 cents per dozen, $4.00 per 100: Bardou Job, Climbing Paul Neyron, Ferdinand Jamain, Helene (The new Rambler), Mrs. Robert Peary (or Climbing Kaiserin), Maid of Honor. At $1.50 per dozen: Admiral Dewey. At $1.00 per dozen, $7.00 per 100; Baldwin. At 75 cts. per dozen, $4.00 per 100; Climbing Bridesmaid,

Manda's Evergreen Memorial roses. The following at 75 cts. per dozen, $5.00 per 100: Jersey Beauty, Gardenia, Evergreen Gem.

Memorial or Wichuraiana roses. The following at 40 cts. a doz., $2.50 per 100, $20.00 per 1000: Manda's Triumph, Universal Favorite, South Orange Perfection, Pink Roamer, Mrs. Lovett, Rosa Wichuraiana.

The Good & Reese Co., Springfield, O.

I have the following surplus roses in strong plants, from 2½-in. pots, in fine, healthy condition: Archduke Charles, Agrippina, Bon Silene, Bride, Beauty of Stapleford, Bridesmaid, Climbing Perle, Clara Watson, Christine de Noue, Catherine Mermet, Devoniensis, Enchantress, Ernest Metz, Francois Kruger, Gen. Lee, Golden Gate, Henry M. Stanley, Hermosa, Kaiserin Augusta Victoria, La Princess Vera, Mme. Camille, Mme. Margottin, Mme. Lombard, Marie Guillot, Marie Van Houtte, Maid of Honor, M. Niel, Mozella, Mme. de Chateney, Princess de Sagan, Pink Soupert, Valle de Chamonix, Snowflake, Yellow Rambler.

Price, $2.25 per 100; $20.00 per 1000. For cash.
R. H. Murphey, Urbana, Ohio.

American Beauties in 3-in. pots, $7.50 per 100, $70.00 per 1000; 3½-in., $9.00 per 100, $80.00 per 1000. Kaiserin and Golden Gate, 2½-in., $4.00 per 100, $40.00 per 1000; 3½-in., $6.00 per 100, $50.00 per 1000. Perles, 2½-in., $3.50 per 100, $35.00 per 1000; 3½-in., $4.50 per 100, $45.00 per 1000. Brides, Bridesmaids, Meteor, Mrs. Garrett and a few Mermets in 2½-in. pots, $3.50 per 100, $35.00 per 1000; 3½-in., $4.50 per 100, $45.00 per 1000. These are fine; send for samples. Cash with order.
Mrs. J. W. Crouch, Chattanooga, Tenn.

We offer the following stock subject to previous sale. Plants are first class in every respect.

	Per 100.	Per 1000.
3000 Am. Beauties, 2-in.	$6.00	$50.00
4000 Meteors, 2-in.	3.00	25.00
3000 Bridesmaids, 2-in.	3.00	25.00
4000 Brides, 2-in.	3.00	25.00

All orders will be shipped from Hinsdale, Ill. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Bridesmaid, Bon Silene, Catherine Mermet, Duchess of Albany, Golden Gate, Maid of Honor, Perle des Jardins, Sunset, The Bride, from 2¼-in. pots, $4.00 per 100, $38.00 per 1000; from 3-in. pots, $7.00 per 100; $60.00 per 1000.
Wood Bros., Fishkill, N. Y.

ROSE PLANTS	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Roses ready for immediate planting. Only selected growth from flowering shoots used in propagating. Wootton, La France, American Beauty and Carnot, 3-in., $8.00, 4-in., $12.00 per 100. Meteor, Bridesmaid, Gontier, Sunset, Bon Silene, Mermet, Perle, Kaiserin, Siebrecht, Mme. Hoste, Niphetos and Bride, 3-in., $7.00, 4-in., $10.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

Grown for our own planting and we guarantee them to be strictly A No. 1 in every particular. We have a surplus of 2000 Bridesmaids, 300 Meteors, 250 Perles, 150 Kaiserins, all in 3-in., at $3.50 per 100; also 500 Beauties, 3-in., at $4.50 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

Philadelphia roses. Kaiserin, strictly first-class stock out of 2½-in. pots. Brides and Maids, 3-inch. Also extra strong plants of American Beauty, 3 and 4-inch pots. Myers & Samtman, Chestnut Hill. Philadelphia, Pa.

Roses from 2½-in. pots, Golden Gate, Muriel Graham, Mme. Abel Chatenay, La France, Mrs. Robt. Garrett, Bride, Queen, Maris Lambert, $2.50 per 100; $20.00 per 1000. John A. Doyle Co., Springfield, Ohio.

1000 4-inch and 700 3-inch Bridesmaids, 300 3-in. Mme. Chatenay, 300 4-in. and 300 3-in. Golden Gate. Fine clean stock. Low price on application. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Rose plants. Good healthy stock. Brides, Kaiserins and Bridesmaids, 2½-in., $3.00 per 100; $25.00 per 1000; 3-in., $4.00 per 100; $35.00 per 1000. Cash. M. A. Magnuson, 3309 No. Western Ave., Chicago.

Brides, Maids, Meteors and Perles, 2½-in., $3.00 per 100. Kaiserin and Golden Gate, 2½-in., $4.00. Guaranteed satisfactory in every respect.
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Forcing roses. Per 100. Brides and Bridesmaids, 2½-in., $2.75; 3½-in., $4.00; Perles and Sunsets, 2½-in., $3.00; 3½-in., $4.50. All other varieties. Send for lists.
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Bridesmaids, Brides and Perles, 3-in. stock in excellent shape for benching immediately, $4.00 per 100; $35.00 per 1000. Cash or C. O. D. Poehlmann Bros., Morton Grove, Cook Co., Ill.

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A special price on Bridesmaids, Meteors, Golden Gate, Kaiserin, La France and Peles out of 2½ and 3-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

2000 first class Brides and Maids in 3-inch pots at $4.00 per 100; $35.00 per 1000. Grown for our own planting.
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Brides, Bridesmaids and Perles, in 2 and 3-in., and Meteors, in 2½ and 3-in., at $3.00 and $4.00 per 100. Good, strong stock.
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---

300 Bridesmaid, 150 Brides, 150 Perles, 2½-inch pots, $2.50 per 100. Cash. Good, clean stock. John White, Florist, Elizabeth, N. J.

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500 Salvia Splendens in 3-in. pots. In bud and bloom, 8 to 12-in. high, $4.00 per 100. Cash with order.
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The Good & Reese Co., Springfield, O.

Clara Bedman, best variety, 2-in., $2.00 per 100. Cash. Geo. M. Emmans, Newton, N. J.

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Smilax from 2-in. pots, $1.25 per 100.
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Mammoth verbenas, fine, healthy plants, 2½-in.. $1.50 per 100.
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Lemon verbena, R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

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Violets from pots, A1 stock, Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Marie Louise violets. Clean plants. Clumps, $10.00 per 100, or divided rooted plants from clumps, $1.00 per 100; $7.00 per 1000. Cash with order.
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L. H. Campbell and California, 10,000 strong. Fall runners, ready to plant, $8.00 per 1000; Princess of Wales, $15.00 per 1000. All above by 100 same price. Cash.
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Ready for delivery on and after June 20th, Marie Louise violet plants, $20.00 per 1000. Clean, healthy stock.
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Rooted runners of Princess of Wales and California, 60c per 100. Double Russian, $1.00 per 100. E. A. Wallis, Jenkintown, Pa.

California, Hardy Russian and Lady Hume, 2½-in., $2.50 per 100.
The Good & Reese Co., Springfield, O.

For Marie Louise violet stock write to Mrs. M. J. Moore, Highland, Ulster Co., N. Y.

Princess of Wales, fine plants, $1.50 per 100.
Dwight M. Wells, Benton Harbor, Mich.

Campbell, rooted runners, 50c per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Marie Louise, 3-inch pots, $2.50 per 100.
W. H. Parsil, Summit, N. J.

MISCELLANEOUS PLANTS.

The following out of 2½-in. pots, unless otherwise specified, per 100: Lemon verbena, $1.50; Achania malvaviscus, $1.50; Apple Geranium, $2.50; Ampelopsis Veitchii, $2.50; Agathea coelestis, $2.00; Anemone Whirlwind, $2.00; Antigonon leptopus, $2.50; Amaryllis equestre, $5.00; Blue spirea, $2.50; Cestrum (night blooming jasmine), $2.00; Cryptomeria japonica, $2.50; Campylobatrys regia, $2.50; Carex japonica variegata, $2.00; Genista canariensis, $2.00; Honeysuckles (Chinese evergreen, Red Coral, Halliana and Golden Leaved), $2.00; Impatiens Sultani, $2.50; Jasmines gracillimum and grandiflora, $2.50; Jasmine Grand Duke, $3.00; Justicia (2 kinds), $2.00; Laurestinus, $3.50; Lemon of Sicily, $2.50; Linum trigynum, $2.00; Matrimony vine, $2.00; Meyenia erecta (whits and blue), $2.00; Mahernia odorata, $2.00; Myrtus communis, $2.50; Nierembergia, $2.00; Pomegranates, $2.00; Plumbago, Larpent and sanguinea, $2.50; Passiflora Constance Elliott, $2.50; Rhyncospermum jasminoides, $2.50; Russellia Juncea, $2.50; Stapelia, $2.00; swainsona, pink and white, $2.00; Strobilanthes, $2.00; Sanseviera zeylanica, $2.00.
The Good & Reese Co., Springfield,, O.

The following, per 100: Anthemis, Dbl. Golden Marguerite, 2¼-in. pots, $3.00; Alternanthera, red and yellow, 2¼-in. pots, $3.00; Ageratum, blue and white, 2¼-in. pots, $3.00; Ageratum, Princess Pauline, 2¼-in. pots, $4.00; Cuphea, Platycentra, 2¼-in. pots, $3.00; Carnations, in bud and bloom, 4-in. pots, $12.00; Fuchsias, double and single, 2¼-in. pots, $3.00; Fuchsias, double and single, 3½-in. pots, $8.00; Geraniums, double and single, 3½-in. pots, $7.00; Geraniums, double and single, 3-in. pots, $5.00; Heliotrope, light and dark, 3½-in. pots, $5.00; Heliotrope, light and dark, 2¼-in. pots, $3.00; Ivy, German, 2¼-in. pots, $3.00; Moon Flower, white, 2¼-in. pots, $4.00; Petunia, single, 2¼-in. pots, $3.00; Pansies, transplanted, $2.50; Salvias, Splendens and Bedman, 2¼-in. pots, $3.00; Salvias, Splendens and Bedman, 3½-in. pots, $5.00; Violets, M. Louise, $25.00 per 1000; 2¼-in. pots, $3.00; Feverfew, dwarf, from 2¼-in. pots, $4.00; Impatiens Sultani, from 2½-in. pots, $4.00; Impatiens Sultani, from 3-in. pots, $6.00; Pelargoniums, from 2½-in. pots, $6.00. Wood Bros., Fishkill, N. Y.

Centaurea gymnocarpa, Maurandya Vine, Nasturtium, trailing, 2¼-in., $2.00 per 100. Manettia bicolor, 2¼-in., $3.00; R. C., $1.50. Pyrethrum, Golden Feather, 2¼-in., $2.00. Little Gem, 3½-in., $4.00; R. C., $1.50. Pelargoniums, mixed, R. C., $3.00 per 100. Impatiens Sultani, Stevia, var., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Polystichum prolifercum (lace fern), 3-in., $7.00 per 100; mailing size, $2.50. English ivy and Dracaena indivisa, 2½-in., $3.50 per 100. Ampelopsis variegata, $1.00 per doz. A. & G. Rosbach, Pemberton, N. J.

Per 100: Solanum capsicastrum, 2-inch, $1.50; Carex var., fine, 2-in., $3; Aspidistra, $4.50 per 100 leaves. A. G. Fehr, Belleville, Ill.

Sanseviera zeylanica, 5c.
H. Steinmetz, Raleigh, N. C.

3,000 iresines, two colors, 2¼-in., $1.50 per 100.
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500 Wichuraiana memorial rose, fine plants in 3s. Will exchange all or part for palms, Pandanus utilis or Veitchii, araucaria excelsa, or tea roses. Send in your offer.
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J. M. Lamb, Fayetteville, N. C.

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Colored plates, seed packets, engravings, etc.
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Palm Leaves. Green, for decorating, or Dried for preparing; also Prepared Pressed Leaves, ready for painting; smallest to largest sizes. All varieties, Sabals, Chamaerops, Cycas, Arecas, Chamadoreas, Date, Thrinax (Excelsa and Argentea), Macrozamia, Zamia, Cabbage and Cocos Palm Leaves, Palm Fibre. Unlimited Supplies; Lowest Prices; Low Freights. Prepared Palms, Needle Pines, Cape Flowers.
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2,000,000 Hardy Cut Ferns. Fancy, at 75c per 1000. Sphag. Moss, 50c per bbl. Laurel Fest'ning, $4.00 per 100 yds; Bouquet green Roping, $3.00 per 100 yds. All orders by mail or dispatch promptly attended to.
Thomas Collins, Hinsdale, Mass.

New crop northern ferns $1.00 per 1000. Laurel festooning 4 to 6c per yd. Best goods always on hand. Crowl Fern Co., Millington, Mass.

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Red Towers Brand Bone Meal for florists. 100 lb. bag, $1.75; ¼ ton, $7.50; ½ ton, $14.50; 1 ton, $28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Sheep manure in car lots, pulverized, $8.00 per ton; natural, $4.00 per ton. In sacks or barrels by the ton. Pulverized, $12.00; natural, $8.00, f. o. b.
E. C. Newbury, Mitchell, So. Dak.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton. Albert M. Herr, Lancaster, Pa.

Pure sheep manure, the best that can be bought on the market. Also a large quantity of hardwood ashes, by the bbl., ton or carload.
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Chenille. Red, white, blue, purple, pink. Coil of 12 yards, large size, 20 cts. a coil; small size, 15 cts. a coil.
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Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,
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The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cents.; in lots of 5000 by express 55 cts. per 1000. Henry A. Dreer, 714 Chestnut st., Philadelphia, Pa.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
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Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.
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Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per doz.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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The Kinney Pump. For applying liquid manure it has no equal. Sent prepaid for $2.50. Without spraying valve, $2.00. Address The Hose Connection Co., Kingston, R. I.

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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
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Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

BOSTON.

In last week's issue read "affrighted sun" for "soon" and refer to the eclipse that took place upon that date.

A hard week has passed as seen from the salesman's eye. Surely never were goods so plentiful or sold at so low a figure. Not a matter of price but a question to get rid of the goods so as to realize something for a lump figure.

Sulpho-Naphthol is a grand good article for certain purposes, Mr. Gravelle, but it is not recommended as a beverage even when taken by mistake for cough medicine. And there is no sport in the administration of divers drugs and concoctions by the nearest druggist who follows them up, or rather down, by a muscular application of the stomach pump. A man of your age ought to be a better judge of a bottle, anyway!

And the Twombly Floral Co. has closed its doors. H-m-m-m!

You may want to know what I mean by a "low figure." Well, best Brides and Maids at 4 cents; best pinks not quite drawing a whole cent and mixed grades of both by the thousand on the street at about $2.00 per 1,000. How is that for an idea? B. T.

KANSAS CITY, MO.

Am glad to be able to report another active week with the florists. All available good stock is sought for. Roses grown around here have seen their last days for this season, and we have to depend on Chicago for daily shipments.

J. E. Miller, of Lawrence, Kan., is sending us some very fine Beauties, which retail at $4 per dozen. The quality of home grown carnations is phenomenal for this time of the year; such varieties as Scott, Alaska and Daybreak showing the same vigorous growth as three months ago and bringing 50 cents per dozen at retail. Quantities of long stemmed sweet peas are now being picked from the garden and used on all occasions.

One of the swellest decorations of the season was arranged by W. L. Rock for a luncheon last Friday in one of the large rooms at the Midland hotel. The hostess conceived the unique idea of making it a butterfly event. Ribbon and sweet peas were arranged to represent the butterfly and used for center pieces, while one hundred live ones were turned loose and made to flutter about the room with the breeze from the electric fans. The ceiling and large mirrors were lavishly draped with long sprays of Asparagus Sprengeri, some sweet peas were used on the mirrors, and here it was that Kift's adjustable bouquet holders served their purpose. "Willie" is a man or original ideas and ably acquits himself at anything he undertakes in this line.

The deaths of a few popular citizens created an unusual demand for funeral work. Never before were so many handsome arrangements used at funerals here as those seen the past week. Large flat bunches of lilies of the valley, bunches of roses, wreaths of sweet peas, of distinct colors, tied with ribbon, were so skillfully arranged that there was no opportunity for criticism. It is pleasing to note an improvement in this particular and

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Read This Now! We have worked it over for YOUR benefit.

	Per 100
Anthemis, Double Yellow Marguerite, 2¼-in.	$3.00
3 in.	6.00
Alternanthera, 2¼-in., $20 a 1000	2.50
Abutilon, Var. Trailing, 2¼-in	4.00
Begonia Rex, 2¼-in.	4.00
4-in.	10.00
Coleus, 2¼-in.	3.00
Centaurea Gymnocarpa, 2¼-in.	2.00
Cobæa Scandens, 2¼-in.	3.00
3-in.	5.00
Dracæna Indivisa, 3-in.	8.00
3½-in.	10.00
4-in	15.00
4½-in.	25.00
5-in.	35.00
6-in.	50.00
Fuchsias, 2¼-in.	3.00
3-in.	4.00

	Per 100
Fuchsias, Trailing Queen. 2¼-in.	4.00
Ficus Elastica, 3½-in., $3 doz.	
Geraniums, Mars, 2-in.	4.00
Mars, 2¼-in.	6.00
3-in.	8.00
Rose Scented, 2¼-in.	3.00
Mme. Bruant, 2-in.	4.00
S. A. Nutt, 2¼-in.	3.00
3-in.	6.00
La Favorite, 3-in.	6.00
2¼-in.	3.00
Mme. Salleroi, 2-in.	2.00
2¼-in. $2.50 to	3.00
3-in.	6.00
Ivy, mixed, 2¼-in.	3.00
German Ivy, 2¼-in.	2.00
Lobelia, 2-¼-in.	2.00
Maurandya Vine, 2¼-in.	2.00
Manettia Bicolor, 2¼-in.	3.00
Nasturtium, Trailing, 2¼-in,	2.00

	Per 100
Pyrethrum, Golden Feather, 2¼-in.	$2.00
Little Gem, 3½-in.	4.00
Pansy Plants, in bloom	1.50
In bud $8 per 1000;	1.00
Petunias, single, 2¼-in.	3.00
Single, 3-in.	4.00
Double, 2¼-in.	6.00
3-in.	8.00
Palm, Washingtonia Filifera, 2¼-in.	4.00
3-in.	6.00
Salvia, 2¼-in.	2.50
3½-in.	4.00
Vinca, 2¼-in.	3.00
3½-in.	8.00
4-in.	10.00
5-in.	15.00

WRITE US FOR PRICES ON 1,000 LOTS.

ROOTED CUTTINGS.

	Per 100
Alyssum, Dbl. Giant,	$1.00
Variegated	1.25
Abutilon, variegated	1.50
Ageratum, blue and white	1.00
Princess Pauline	1.25
Anthemis Cor., (Dbl. Yellow Marguerite)	1.50
Coleus, per 1000, $7	.80
Fancy	1.00
German Ivy	1.25
Geraniums, Swt. Sctd.	1.50
Assorted	1.50
Mixed	1.25
Happy Thought	2.00
Freak of Nature	2.50
Bronze	1.50

	Per 100
Geraniums, Silver Lf,	$1.50
Mrs. Pollock	2.00
Mrs. Parker	4.00
Mme. Salleroi	1.25
Mars	2.50
Mme. Bruant	2.00
Mme. Taylor	2.00
Dr. Livingston	2.00
Impatiens Sultani	1.50
Heliotrope	1.25
Lemon Verbena	1.50
Manettia Bicolor	1.50
Pyrethrum, Litl. Gem,	1.50
Pelargoniums, mixed,	3.00
Salvia	1.25
Stevia Var.	1.50
Vinca Var, $10 per 1000,	1.25

GREENE & UNDERHILL, Watertown, N.Y.

Mention The Review when you write.

profitable branch of the trade, and much to the credit of the florists here fewer monstrosities are seen now than were seen two years ago. One of the prettiest designs last week was a massive cross, seven feet high, made entirely of white and pink roses and arranged by Arthur Newell. The price he received for this work must have been above the average, as he is already seriously considering a European trip this summer. Arthur is a hustler and is generally kept busy making funeral work; knows how to get good prices; derives good revenue from two stores; always has time for a "smile" and to tell a good story.

H. J. M.

PHILADELPHIA.

The Market.

Except for a few wedding decorations there has been very little business the past week. However, this is looked for, more or less, at this season of the year.

Prices the past week have been as follows: Beauties, 50 cents to $3 per doz.; Brides, Maids, Kaiserins, Meteors and Golden Gate, $1 to $6; Perles, $1 to $4 per 100. Carnations, ordinary, 50 cents to $1; fancy, $1 to $2. Cat leyas, 35 to 50 cents; valley, $3 to $4; sweet peas, 10 to 50 cents; cornflowers, 25 cents; cuneatum, 75 cents to $1; asparagus, 35 to 50 cents; smilax, 15 to 20 cents.

Notes.

J. J. Habermehl's Sons had several large wedding decorations as well as a number of commencements the past week.

W. L. Baker, son of W. J. Baker, has opened a wholesale cut flower commission house at 106 South Sixteenth street, in the rear of F. W. Whitely's retail store.

Milton Woodroffe, the wholesale cut flower commission man, is the proud father of a bouncing boy.

The Republican National Convention, which is to be held in this city next week, will keep a number of florists busy decorating the various club houses throughout the city.

Peter Govanis, a Greek fakir, was stabbed to death, on Sunday, June 10, by John Bilikis, another fakir. Jealousy, caused by Govanis' success, led to the trouble.

R.

SAN FRANCISCO.

The Market.

Trade the past week has been fair with many of our florists, while with others business is reported as very slack. All kinds of cut flowers are still plentiful, but poor in quality. Most of our growers have slacked up in their shipments to market, owing to the poor quality of stock and prices, and are turning their valuable time to good use in making repairs at their various places.

Prices: American Beauty, 25 cents to $2; Brides and Bridesmaids, 35 to 50 cents; Testouts, 25 to 50 cents; Kaiserins and Meteors, 35 cents; Siebrechts and Perles, 25 to 35 cents; Cecil Brunner, 12½ cents per doz. Carnations, Hobart, $1; Crocker, 75 cents; Schwerin and Bradt, 35 cents; Scott, 15 cents; Hill, 20 to 25 cents; Portia, 10 cents. Harrisii, $1 to $2.50 per doz.; sweet peas, 50 to 75 cents per doz.; poppies, 25 cents per bunch; asparagus, 10 cents per string; smilax, 6 cents per string.

Notes.

Miss K. Kohen has moved from Sutter street to 1227 Polk street.

Frank Peterson and J. D'Ortiquac have formed a partnership and opened up at 1125 Sutter street. The store will be known as the "Bon Marche."

E. Schwerin is building one house for carnations, 50x400.

Chas. Stappenback reports a very fine trade on Decoration Day. As a result the "American" florist smiles in his sleep and I suppose takes one when he awakes.

J. N.

ORANGE, N. J.

Meeting of the N. J. Flori. Society.

At the meeting of the New Jersey Floricultural Society, on June 6, Mr. Henry Bird of Newark, by special request of the society, exhibited and explained his new self-watering seed, spore, cutting and propagating pot and received not only a certificate as an invention of particular merit but upon the judges' recommendation received the unanimous endorsement of the society.

The pot, at first sight, presents the appearance of an ordinary 10-inch flower pot, though not quite so deep. About two inches from the top is a groove encircling the pot and communicating with the interior through six or eight small holes. This groove being without lip or flange is indestructible; lying in this groove and connecting with the reservoir, which is independent of the pot, is a piece of woolen yarn through which the water is conducted by capillary attraction. The supply of water is controlled by raising or lowering the reservoir or by increasing or decreasing the number of holes.

A few of the advantages claimed are: An even and uniform degree of moisture is maintained; the seeds or spores are not disturbed or displaced by action of the water; every seed grows; no scum or deposit is formed on the surface of the soil.

Fern spores, so frequently destroyed during the lichen stages or just before the fronds appear, by the water being poured on their surfaces, grow and flourish. It is particularly adapted to very fine seeds such as azaleas, be-

gonias, rhododendrons, etc., which, where surface water is applied, often float away or are carried into interstices of the soil are buried too deep and thus destroyed.

For rooting all kinds of soft wooded cuttings the pot has no equal especially for the amateur, and can be covered with glass if necessary until the cuttings become rooted with no danger from damping as the foliage is never wetted and a great saving of labor is accomplished over the old methods; all that is necessary is to keep the reservoir filled with water.

The pot is not yet on the market, but will be shortly, and had never before been exhibited. It met with a most enthusiastic reception and many advance orders were forced upon the exhibitor.

The floral feature of the evening was a fine exhibit of President Carnot roses, grown in the open by George Smith. The exhibit received the society's highest award.

The balance of the evening was devoted to reports of committees and clearing up of all business preparatory to the summer vacation. The society, after providing for representation at the forthcoming exhibitions of the S. A. F. and Rose societies, adjourned until September.

J. B. D.

CHICAGO.

Florists' Club Coal Committee.

Chairman W. N. Rudd has issued the following announcement: "The committee has applications from users of over 20,000 tons of coal. Much work has been done, prices have been obtained and a great deal of valuable information. There are so many details and so much to be talked of that it is not possible to write in full to each applicant. The committee therefore requests that every florist who is interested in buying coal cheap will meet the committee at the Chicago Florists' Club, Friday evening, June 15th, at 8 p. m., at room 417, Handel Hall, 40 Randolph street. A full account of the work done and information as to prices will be given. There is no question but that the co-operative purchase of this immense amount of coal can be made at exceedingly low prices."

This meeting of the club, by the way, will be a "smoker" and the entertainment committee has something up its sleeve for the occasion. And we understand it will probably be the last meeting prior to the usual summer vacation.

The Market.

Trade holds up very well, and though there is a lot of poor grade stuff in the market the quality is good for the season and the cut is very large. The glut of carnations continues, and there is a big lot of poor roses. Of roses, though there is none too many of really good shipping grade, and the dealers generally have to do a lot of sorting to get out enough that will pass muster. Though carnations show the effects of the advancing season the cut is so large there is still plenty of good grade for all demands. Prices have not changed materially from last week.

Various Items.

Kennicott Bros. Co. have a splendid lot of paeonies coming in from Klehm's Nurseries. The quality is extra good this year.

Weiland & Risch have purchased a tract of land adjoining their present range and will add several new houses, each 25x200, which will be planted largely with Liberty and American Beauty roses.

Geo. Faber, of Faber Bros., Kankakee, Ill., passed through the city last Sunday, en route for Europe. He sailed from New York on Tuesday.

The Ostertag Brothers, of St. Louis, also spent an hour here last Sunday. They were on their way to West Virginia.

The seedsmen are having a successful convention here this week. Headquarters are at the Grand Pacific hotel.

The nurserymen are also in annual session at the Chicago Beach hotel.

Mr. James Hartshorne will start shortly on his European trip, during which he will visit the Paris Exposition as well as his old friends in England and points on the continent.

Mr. Chas. B. Weathered, of Thos. W. Weathered's Sons, New York, was a recent welcome visitor. He reports that the New York Florists' Club, of which he is treasurer, has preparations for the coming convention well in hand and that a big delegation from Chicago and vicinity is expected. It wouldn't do to disappoint the New Yorkers on this occasion, so get ready to go.

C. C. Pollworth, Milwaukee, was a visitor Wednesday.

LEAVENWORTH, KAS.

The new electric railway recently opened between here and Kansas City brings many visitors daily to this town. The principal attractions are the fort; the soldiers' home, said to be the finest in the country; a federal prison, and the state prison, only two miles distant. There are a half dozen florists located here and all report a good spring trade.

Burns & Katryung, with 8,000 feet of glass, are the only florists with a down-town store. Mrs. Burns is in charge and proves her ability to control good patronage.

R. C. Hinz is located in the suburbs and owns 6,000 feet of glass. This young man is coming rapidly to the front as a grower. His stock was equal in quality to any shipped to Kansas City market last winter.

Mrs. Biggam, of Fair View greenhouses, makes a specialty of flowering plants.

ITINERANT.

COIL BOILERS.

I have read J. W. Margrave's item in The Review of June 7th, and I wish to second his motion in regard to coil boilers. I had to be up nights with two of them the whole of last winter and then they went back on me in March and gave out entirely. With the closest calculation I am out $800.

Brother florists, if you have to get a new boiler, do not put in a coil one if it is given to you. This $800 lost is only the item of cut flowers and plants, saying nothing about the labor and expense of getting out the old and putting in the new boilers.

Mr. M. says it was soft coal he burned. I used hard. An expert was at my place and looked at these boilers. He told me the average life of this one was only two years, and that I had done well to run it four seasons. If anyone wishes to know the name of the boiler I had they can find out by writing.

E. B. BEALS, FLORIST.
Sunny Dell, Greenfield, Mass.

MORRIS, ILL.

Mr. A. Mitting and family started for Europe on the 11th, taking a White Star liner at New York. Mr. Mitting will visit England and France and possibly other points on the continent.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Advs.




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Hot Water Boilers, Pipes, Fittings
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Send Four Cents for Catalogue

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THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time. N. ZWEIFEL.
Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Sup't.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by William Scott, Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obstrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

THE FLORISTS' MANUAL...
By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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Kroeschell Bros. Co.	96	Young, Thos., Jr	66
Kuehn, C. A.	80		

MERRILL, WIS.—N. Greivelding has sold his ground to the county board for a court house site and will have to remove everything from the ground by June 20. He has secured a new location and will erect three houses and put in a steam boiler.

KANKAKEE, ILL.—Geo. Faber, of Faber Bros., started last Saturday on a three months' European trip. He will visit the Paris Exposition and will also travel through Germany, Switzerland and England.

RANTOUL, ILL.—H. M. Morris will soon begin the erection of a new house, 25x65, for carnations.

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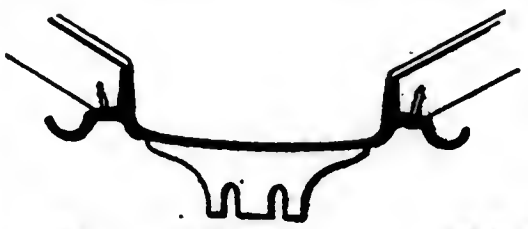
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PART II—PLANTING AND INTRODUCTION TO UNDULATIONS: Planting, Transplanting Trees and Large Plants, Natural Mass Planting, Natural Grouping in Boundaries, Grouping Trees, Sloping Banks, Planting Borders, Perpetual Effect, Rockeries, Aquatic and Bog Garden, Water Garden, Natural Garden.

PART III—VILLA GARDENS AND PUBLIC GROUNDS: Small Grounds, Corner Lots, A Southern Garden, Planting a Church Front, Locating Entrance Roadways, A Villa Plot, The Terrace Effect, Planting a Very Small Garden, Making the Most of the Back, A Town Square.

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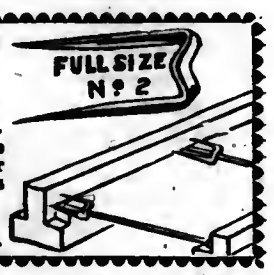
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Vol. VI. CHICAGO AND NEW YORK, JUNE 21, 1900. No. 134.



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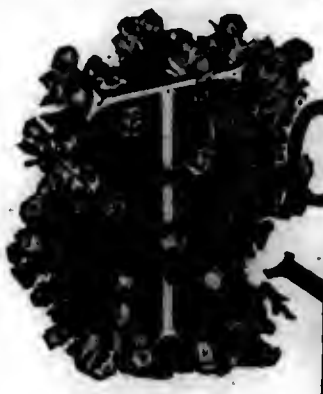
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THE RETAIL FLORIST.....

Arranging of Summer Flowers.

Although there may be an abundance of flowers all through the summer season, in most cases it requires greater care and thought in arranging for decorative purposes than in winter. We know that superfluity breeds contempt and indifference; there is always a lack of appreciation in abundance, and in the matter of flowers one is apt to use more than is good or necessary because there is a desire to get rid of material.

There are many forms of decoration which require lighter treatment in summer than in winter, and where in the latter season massive arrangements of greens and flowers are in many cases permissible, they appear bad in the former. You are justified in taking advantage of a plenitful supply of flowers by putting more of them around the room; but the arranging of the individual vase or design should be light and graceful, and if you wish to make effects brighter and more imposing, use less greens. Generally speaking, there should be very much less greens used in summer than in winter; at this time of the year their place in your work should be that of a neutralizing rather than a dominant color.

Table Decorations.

Let us consider table decorations. In summer flowers are permissible on the table at every meal; there can be no bad form in their use at any time, but it is not well to use the same flowers twice, or at least the second time, without rearranging them. The eye can be tired by looking at even beautiful flowers if there is no desire to examine and enjoy the different elements which combine to make or enhance their beauty.

The flowers used on the breakfast, lunch or tea table should be few and arranged without any view to formality; they should appear as if the person had been out to the garden, a few flowers had specially captured their fancy, and that they had put them on the table without any labored attempt at arranging. Extra large or tall flowers are out of place on the table this time of the year; the round, low rose bowl or small vase, or even a cake or salad dish are the proper utensils to use. Where roses are used you will do well to have a different color each time; if a mixed lot are used, then try to have some other flower the second time, even if they don't look as well; the roses will be all the more appreciated the second time.

Of course the foliage of many flowering plants is too coarse to use, but care should be taken to use no extra greens with such as roses, and, in fact, with the majority of flowers. The summer dining table, the appetite and the senses should not be spoiled by garlands of smilax or asparagus; it is quite unnecessary to use even adiantum. Take, for instance, a vase of sweet peas; of course, as they are shipped to the market, miserable little bunches, just enough for a boutonniere, very little can be done with them. The right way to gather and use sweet peas for the table is to cut a few sprays, first arrange these in the vase or dish, allowing them to hang over irregularly, then get your close picked flowers and stick loosely among the foliage. A flower like this should never be arranged compactly; it does not grow that way and never looks well on the table so; it is a light and airy little flower, requiring delicate treatment.

Vases.

In many cases a vase of mixed herbaceous flowers make up finely and for a change several colors can be intermixed or grouped together. First get a glass or neutral colored vase; don't bunch the flowers; put the greens in first, select the pendulous forms, use them so they will hang over the side and fill in, arranging the colors as you go. Color harmony in floral art is very much more difficult to manage than that of landscape or flower bedding, for the reason that in the latter there is always an abundance of green, which is a neutralizing color (just the same as the people who have adopted that color as their national emblem are a neutralizing power among the different peoples of the world).

In arranging a vase of mixed flowers, there is no set rule to go by. The combining of colors depends on the influence of the educated eye. Twenty colors can be used in the same vase in as many ways and still be correct; the point is to avoid a too close proximity of high colors with an entire absence of softer tones. For instance, we first green up a vase or basket. Let us start with blue delphinium. Now, we would not be right in putting orange and red each side of the blue unless we used white or green to stop the fight. If you take an orchid, there may be several colors in it, but the shading from one to the other harmonizes. In making a wreath of white and pink roses, though both are soft colors, and we cannot be entirely wrong in mixing them anyway, because the foliage helps them, yet it's not best to dot them in checker-board fashion. Where few colors are used in a design it is best to group them.

Color Harmony.

Combinations or harmony in color depend on personal ideals rather than on set forms; every year brings forth new inventions. The designers and painters are always experimenting and the entire world is benefited by what they bring forth, be it good or bad, for there is always some good derived from contrasting the bad and good. Go look at many of the rare old paintings of flowers; the general effect of the picture may be bad to sensitive nerves, but the strength and feeling put into the individual colors are sublime and can never be reproduced. The past was remarkable for boldness of treatment, the present glorifies the softer shades; a combination of both is often best.

We have recently seen some reference to our remarks on color harmony by "A. H." We would be pleased to assist in arriving at conclusions as to what is right or wrong in decorative art if the point sought is clearly stated. You must know that you might be entirely correct in your arrangement of a vase of flowers and yet spoil its beauty by placing it in front of a loud colored curtain or in close touch with jarring furnishings. Whatever flowers are used on the table should be soft colored and of an unobnoxious odor; more elaborate decorations are in order for the evening meal, or what is usually and wrongly called "dinner."

Summer Roses.

Just at present some grand effects can be made with roses. You can get colors now which it is impossible to get any other time of the year, and they certainly should be taken advantage of, for you will soon have to go back to the same old routine of Bridesmaids, Meteors and Beauties. Suppose we had a table to decorate and the lady wanted something fine and new. First we'd try to have a round or oval table, in the center a green satin or silk mat covered with lace, or the cloth could be plain. Low bowls or vases filled with water would be best to put the flowers in and either one bowl or many could be used, according to the size of the table. No fixings or foreign greens should be put on this table.

We have our roses cut early in the morning or late at night. Suppose a crimson color is desired. With long sprays of Crimson Ramblers we can carry out any garland design wanted.

Have them connect with the bowls and fill those with Brunners, Jacques or any other variety of red rose; even a bowl of Ramblers, with a few tips of foliage between, makes a fine effect. Take any solid color or different shades of one color and it will be better than mixtures.

Ices in Roses.

Work in harmony with the chef and have ice served in Rosa rugosa blooms. Pick out the stamens first and if your table is of all pink use that color; if mixed, use the white also. A rose petal filled with brandy and floated on a demi tasse is by no means objectionable. There are several other items which would add to the beauty of a rose feast. The guests should all wear each one rose, the ladies large ones, the gentlemen small; these should be so placed on the table as to form part of the decoration and yet tell the guests they are intended to be worn; this can best be done by facing the rose before or on each plate and put the guest's card half way in the heart of the flower.

The Center Piece.

The center of the table is always the most important, for all eyes meet there oftenest. Don't arrange the flowers there in the shape of a head of cabbage. Always commence arranging a bowl by placing the outside sprays first, and they should almost all be of a different length. Stick the end of a spray in the bowl and bend it until it breaks if it will not hang right otherwise. The center of the bowl should be just as irregular, but don't obstruct the view, for that's when flowers, no matter how beautiful, become a nuisance and receive the reverse of admiration.

Sprays of roses can be twisted round the candelabra, but there should be delicacy expressed in every spray. Nothing should appear crowded. Don't try to entirely cover a fine vase or the table cloth. In many homes of the wealthy we have had considerable trouble with lamp shades. We must reserve a discussion of them for another time.

Age and Youth.

In almost all forms of decoration, particularly of the table, you must make a difference with old and young people. Old folks are apt to ridicule the slightest evidence of sumptuousness or the many trifles which young people must see before they appreciate your work. The older we grow the less use we have for dolls, and, alas, many forget when they were young and are selfish enough to deny the rights and pleasures to the rising generation.

One would imagine that newspapers like the New York Herald, the Boston Globe—in fact, they're all alike, papers and magazines—would be careful in what they print about flowers. What pure nonsense they get in betimes! The New York Herald a few weeks ago gave a big spread to "a new fad in flowers." The finger bowl spray, it said, was the latest thing out, and originated in Japan a year ago. Now, there are very few even among florists who can trace the origin of the finger bowl spray. You can find that it was used in very ancient Persia; it emanated from the custom of floating rose petals on wine. The Greeks and Romans in the B. C. period filled their baths with rose petals; modern society has long been satisfied with washing the tips of their fingers and scenting them by bruising a sweet leaf or flower.

Many guests take the flowers out of the bowl and wear them, which is wrong. They are intended to bruise between the fingers to dispel possible evidence of the meal. Flowers in the finger bowl should never be tied in a bunch; it is only necessary to have a small spray and that should be on one side the bowl, the end in water.

IVERA.

"STIGMONOSE."

"Stigmonose: A disease of Carnations and other Pinks," is the title of Bulletin No. 19, U. S. Department of Agriculture, and it records a very careful investigation by Albert F. Woods, Assistant Chief, Division of Vegetable Physiology and Pathology, of the disease we have heretofore known as "Bacteriosis." In his introduction Prof. Woods says:

"In the course of some investigations which the writer conducted several years ago on a disease of the Bermuda lily, his attention was attracted by the similarity between this disease and the one affecting carnations, and described by Arthur and Bolley under the name of 'bacteriosis.' As announced in a preliminary paper, the writer carried on extended studies of the carnation disease, but was unable to obtain results similar to those described by Arthur and Bolley. Since publishing the paper referred to he has repeated and extended the work which it describes and has fully substantiated his former conclusions. In view of the fact that the disease is not due to bacteria, but is caused by the punctures of aphides, thrips, and occasionally of red spiders, the name stigmonose, or puncture disease, is here suggested as an appropriate one for the malady."

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(12) Besides the carnation and different species of Dianthus, many other plants react similarly to the puncture of aphides and other sucking insects, and also to mites.

(13) The grower can successfully combat this disease by the proper selection of cuttings; careful propagation of stock; good soil; the proper amount of moisture, light, and air; and by the reduction of aphides, thrips, and red spiders to a minimum.

ALLAMANDAS.

Editor Florists' Review:—In a recent issue of your valuable paper was an interesting article on allamandas. The writer says: "Most of the species bloom in June and July." Also: "In our hot summers they require shade from the hot sun." This may apply to the greenhouse culture of these plants, but here in South Florida we have Allamanda Hendersonii growing in the poorest of white sand in the open ground where it receives the hottest of sunshine and no water but that given by the "Great Rain Maker."

The plants are five and six feet high, only two years old, and a mass of rich dark green foliage, shining as if varnished, and covered with their grand golden flowers the whole year; not a day but great branches of its flowers can be cut.

Allamanda neriifolia makes a fine shrub and does equally as well, being always in bloom. Allamanda Williamsii does even better in the sun than in the shade.

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PALMETTO.

Miami, Fla.

AMPELOPIS VARIEGATA.

We have received from Messrs. A. & G. Rosbach, Pemberton, N. J., a sample plant of Ampelopsis variegata, to which they give the common name of "Variegated Grape." The variegation is very strongly marked and, though the foliage is much smaller than that of the grape, the form is similar enough to warrant the title.

The Messrs. Rosbach write that while not new, it is one of those neglected old things that should be better known and appreciated. They find it one of the most useful and salable plants they handle.

Have them connect with the bowls and fill those with Brunners, Jacques or any other variety of red rose; even a bowl of Ramblers, with a few tips of foliage between, makes a fine effect. Take any solid color or different shades of one color and it will be better than mixtures.

Ices in Roses.

Work in harmony with the chef and have ice served in Rosa rugosa blooms. Pick out the stamens first and if your table is of all pink use that color; if mixed, use the white also. A rose petal filled with brandy and floated on a demi tasse is by no means objectionable. There are several other items which would add to the beauty of a rose feast. The guests should all wear each one rose, the ladies large ones, the gentlemen small; these should be so placed on the table as to form part of the decoration and yet tell the guests they are intended to be worn; this can best be done by facing the rose before or on each plate and put the guest's card half way in the heart of the flower.

The Center Piece.

The center of the table is always the most important, for all eyes meet there oftenest. Don't arrange the flowers there in the shape of a head of cabbage. Always commence arranging a bowl by placing the outside sprays first, and they should almost all be of a different length. Stick the end of a spray in the bowl and bend it until it breaks if it will not hang right otherwise. The center of the bowl should be just as irregular, but don't obstruct the view, for that's when flowers, no matter how beautiful, become a nuisance and receive the reverse of admiration.

Sprays of roses can be twisted round the candelabra, but there should be delicacy expressed in every spray. Nothing should appear crowded. Don't try to entirely cover a fine vase or the table cloth. In many homes of the wealthy we have had considerable trouble with lamp shades. We must reserve a discussion of them for another time.

Age and Youth.

In almost all forms of decoration, particularly of the table, you must make a difference with old and young people. Old folks are apt to ridicule the slightest evidence of sumptuousness or the many trifles which young people must see before they appreciate your work. The older we grow the less use we have for dolls, and, alas, many forget when they were young and are selfish enough to deny the rights and pleasures to the rising generation.

One would imagine that newspapers like the New York Herald, the Boston Globe—in fact, they're all alike, papers and magazines—would be careful in what they print about flowers. What pure nonsense they get in betimes! The New York Herald a few weeks ago gave a big spread to "a new fad in flowers." The finger bowl spray, it said, was the latest thing out, and originated in Japan a year ago. Now, there are very few even among florists who can trace the origin of the finger bowl spray. You can find that it was used in very ancient Persia; it emanated from the custom of floating rose petals on wine. The Greeks and Romans in the B. C. period filled their baths with rose petals; modern society has long been satisfied with washing the tips of their fingers and scenting them by bruising a sweet leaf or flower.

Many guests take the flowers out of the bowl and wear them, which is wrong. They are intended to bruise between the fingers to dispel possible evidence of the meal. Flowers in the finger bowl should never be tied in a bunch; it is only necessary to have a small spray and that should be on one side the bowl, the end in water.

IVERA.

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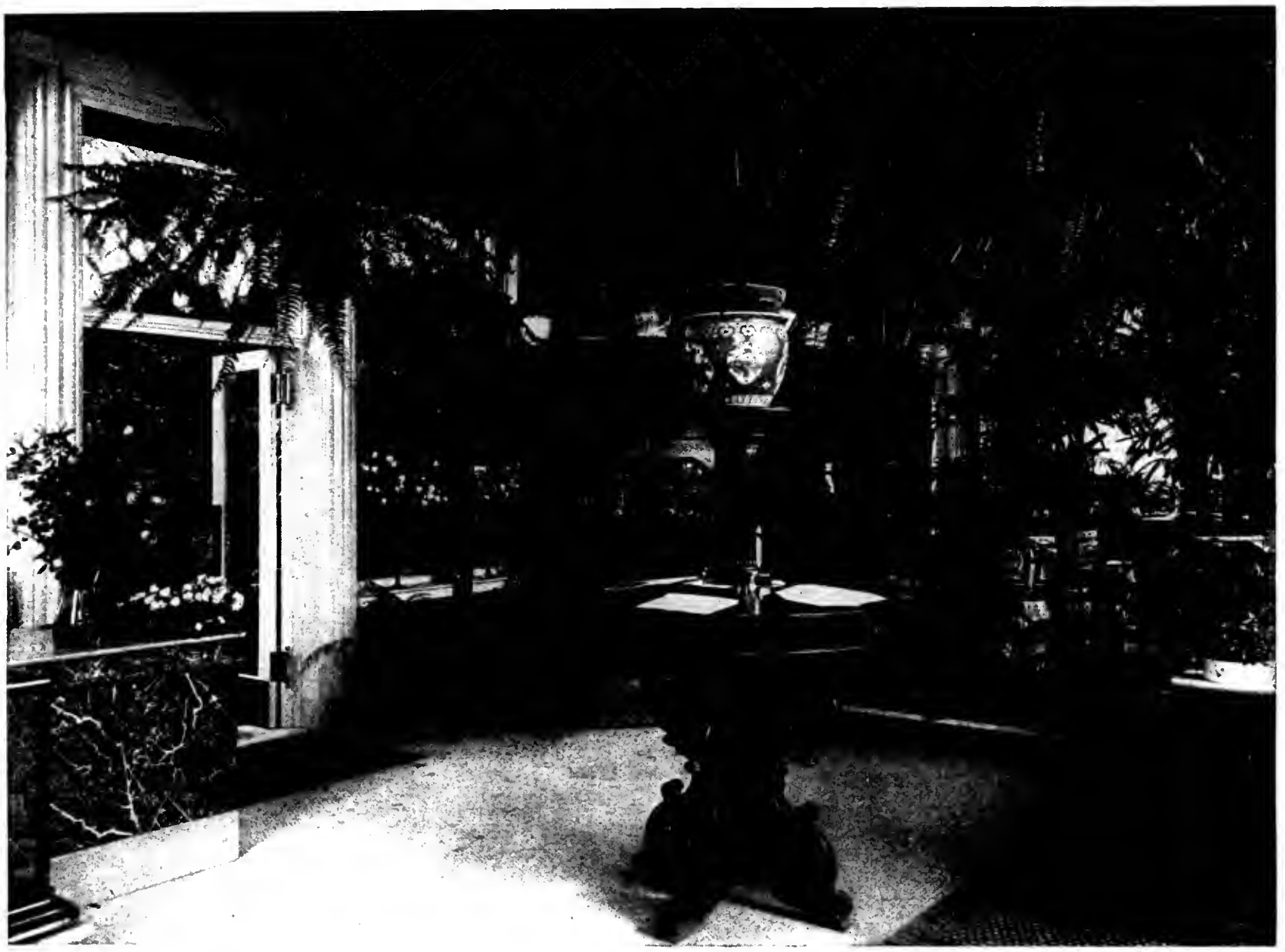
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MISCELLANEOUS SEASONABLE HINTS.

Carnations in the Field.

Many of us are suffering in western New York for want of rain and it is particularly hard on young carnations that have not had a good soaking since they went out early in May. I am not an advocate of watering and few of us have the means of watering an acre thoroughly. If easily irrigated or you can give it a thorough soaking with the hose, I should be tempted to do so just once and then hoe, but in the absence of this opportunity you can do what is of the greatest benefit, keep on hoeing.

Never should there be a week pass but what the carnations are hoed. The Planet, Jr., cultivator is a gem, and a man can get over an acre in two days and do it carefully and well, but good as the cultivator is, I like every third hoeing to be done around the plants with the back-bending hand hoe. In rainy weather you hoe to keep the surface broken and to kill the weeds. In dry weather it is even more necessary to hoe to keep the surface loose and encourage moisture to rise to the surface and feed the roots.

It is wonderful how the carnations will thrive, even in the dryest time, where the surface is constantly kept stirred. If a man could plant his carnations on land that was so-called "trenched," that is, dug two feet deep, as old country nurserymen do for almost all their shrubs and conifers, or, what is next best, subsoiled with a plow, we should be still more independent of the weather, for that kind of cultivation is good both ways. Land that is pulverized two feet deep allows surplus rains to pass freely through, and in the absence of rains gives it readily back again to the roots of the crops.

Cyclamen.

Your cyclamen are now in 5-inch pots, or should be, and whether you grow them inside or have them plunged in a mild hotbed and shaded during the brightest sun, you should give them a slight syringing every morning and never let them suffer from extreme dryness.

Begonia Incarnata.

I notice a batch of Begonia incarnata grandiflora that now want shifting into 4-inch pots, and in September into 6-inch. There is some dispute about the name of this pretty coral pink begonia, and if old Sam De Graw, of Franklin, Pa., will tell us once more its correct name, we will abide by it. It is a most useful plant, but is generally grown what may be called "too fat," and then it wilts.

Give it rather a stiff soil and almost the full sun during summer. In this it differs from many species of this widely distributed genus, although most of them are given too much shade.

Begonias for Fall Sales.

In October and November there is always a demand for plants for the window or private conservatory and there is not a great choice. A pot of mums is short lived and many think the zonal geranium gay but plebeian. The fine-leaved begonias, which have also beautiful flowers, are just the thing, and so they are, for begonias are one of the grandest of plants and best adapted to unfavorable conditions of all the plants we grow.

Young plants that were propagated in March or April should be grown on and pinched if necessary. Most all of them like a third of leaf-mould. When the leaf is the chief ornament leaf-mould and well rotted manure can be freely used. For this use metallica is fine, and so is manicata aurea. Paul Bruant is very effective. Rubra and several more of the winter bloomers are worth growing well. Now, none of these want shade and a close atmosphere; plenty of light and air they must have. Plunged out of doors and just shaded from the hottest suns would be the ideal place, but they do very well on a bench plunged in some material, with little shade and plenty of air.

Begonia Gloire de Lorraine.

I wish I could write full and accurate and absolutely infallible rules and regulations on "How to Produce Splendid Plants of Gloire de Lorraine Begonia Without a Miss." You would give 10 cents a copy for the instructions, I am sure. This wonderful begonia is a hybrid and of delicate constitution, but nothing surpasses it in beauty when well grown.

A great many things in our business and in electricity and in matrimony are discovered by accident, perhaps more than were designed, and within a day or two my son drew my attention to a plant of Lorraine that was growing in a bed of adiantum. He had put the leaf there in January; it had taken root and is now a compact little plant, the very essence of health and happiness. Now, this plant has been entirely hidden from light by the fern fronds which cover it, showing that it wants, now at least, lots of shade.

About a month ago we shook out all our rusty little plants, potted them in 3 and 3½-inch pots and made the soil almost half of leaf-mould and have heavily shaded them, and they are making a good healthy growth. When they once start to thrive and grow they want no pinching; they branch themselves quite sufficiently; in fact, you can't improve on their natural symmetry.

Repairing, etc.

After your roses are planted, palms shifted, everything plunged outside and stock generally in good shape, you will feel like taking it easy. Don't do it just yet. If there is any painting or repairing to be done, do it right off. If you say, "Oh, I'll do that in the fall," you will find twenty things that must be done then.

Nowadays carnation growers plant early in August, and even some before that, so how little time there is to spare should your benches want repairing. I don't believe in neglecting a crop a day; keep it up to concert pitch till the day you throw it out, but don't keep an old crop in a week longer than you should because it is giving you a few flowers.

To moralize a bit, the difference in the success of the man who does every operation promptly on time and one who is always three weeks behind is marvellous; in fact, it generally amounts to the difference between success and failure.

Smilax.

By the first of July you should plant your new smilax bed. If you leave it till the 1st of August, you get three crops instead of four. Smilax, to be profitable, should have 60 or 65 degrees at night. Make the bed on the floor of the house; a little superfluous moisture don't hurt it.

Six inches of heavy, well enriched loam will do, and plant strong plants. Ten inches between the rows and eight inches between the plants is about right. Any old 8x10 glass will do for smilax if you have the heat. The principal neglect with smilax is not tying it up in time after a crop is cut.

WILLIAM SCOTT.

BUGS.

Shaumburg, June 32, 1492.

Tear Frient: It seems dot droubles nefer come single handed; dey are allways coming in bunches. Just now look at de droubles we are hafing in China, in de Philippines, in Philadelphia mit Mark Hanna, Roosevelt und oders who want to be vice bresident und can't spare de time. Und efen at home in de greenhouse we haf our own droubles.

At dis season off de year de florits are all podered mit pugs in de greenhouses und dey certainly are a nuisance und de question is how to get rit off dem. I was spheaking mit a frient off mine de oder day apoud

it, und he gafe me sume waluable information goncerning pugs. He says dot some off dem are a goot ding und oders are not und he has some wery goot ways of getting rit off de ones which are no goot. While he has no jecobtions mit de many pug destroyers, insecticides, emulsions, etc., which are on de market, sthill he don't advocate dere use only in exdreme cases. De law for de prevention of gruelty to anymules is so shtrict dat one must be wery careful, or de Society for de Brevention of Gruelty to Anymules will chump on you und make you shwett.



The Lord & Burnham Co. bowling trophy, to be competed for at New York next August.

I can't remember all de dings he tolt me, but I will gife you de penefit off what I do rememper.

Woot pugs he said are no goot und he adwocates wery strict dreatment. He knows off no bedder way dan de following to get rit off dem. He waits till de shank off de efening (I dink he said shank, or was it ham?)—anyway, he waits until almost dark, for den de woot pug cumes out to pegin his nefarious oberations. Den he goes mit de greenhouse in und waits for Mr. Woot Pug und when he gomes close enough he soaks him mit a shoemaker's hammer. One soak is enough und Mr. Woot Pug is no more. He keeps up dis dreatment until dark und den his real droubles gommence.

When darkness sets in he has to contend mit de lightening pug. He says dot he is de worst one off de hole bissness, for he carries a light mit him so de oder pugs can see to work. He waits till de lightening pug lights on a light of giass, den he sneaks up pehind him, und biff! mit a brick, de pug und de light disabbears in a bunch. Dis method is a goot ding in many ways und so simple dot any child could berform it. It would brovide amusement for de children, make good bisness for de glass man und keep de help from getting lazy, as dey could put in new lights in blace off de broken ones to pass dere idle moments.

De June pug is anoder bad one, but he can pe disbosed off if you take time by de "Fetlock." Kill him in May and he wont bodder you in June.

De grasshopper, as de name imblies, is a grass pug. He is wery fond off grass. Have your men mow de lawn und bring de grass mit de greenhouse in und feed it to de hoppers. When dey get goot und fat feed dem to de robins; dey are very fond off fat grasshoppers.

Butterflies are fond off good butter, but don't feed dem on boarding house oleo unless you want de Humane Society to inderfere.

Snaiis are hard to get at, as a snail carries his house mit him. A man's house is his castle und while he is therein you can do not'ing, but when he comes out, haf de constable ready und serve him mit a fife day notiz.

De slug is a second gousin to de snaii, but easier to get at. Prize fighters use slugs in deir bisness und are always looking for dem. Some beople say dat angle worms are harmfui. If you want to get rit off dem, call in de smaii boy who is always ready to go fishing. He may shpoil a few plants in dicking for de worms, but dat don't madder as long as you get rit off dem.

Thripp are wery easy to kiii if you oniy know how to do it. You will notiz dat a thripp is a wery large pug und hard to handle if you are not on to his curves, but when you once learn de drick it is very simbie. You must abbroach de thripp from pehind und grab him by de tail, den shwing him around your head three times und snap him like you was cracking a whip. In dis way you wiii break his spine, and when his spine is broken he will get dat terrible disease called spinal maginnis und die a natural death. Just as simble as can be when you know how.

He told me a lot more ways off killing different dings, but my memory fails me. I hope det dese few simbie remedies will brofe off benefit to de greenhouse man, as I know dat pugs in a greenhouse wiil make a greenhouse man bughouse. Yours,

FRITZ BLUMENSCHNEIDER.

THE LORD & BURNHAM TROPHY.

We present herewith an engraving from a photograph of the beautiful trophy contributed by the Lord & Burnham Co., New York, and which is to be offered by the New York Florists' Club as a prize in the coming annual bowling tournament at New York during convention week.

It is to be played for under the following conditions: The club making the highest score in the three games is to hold it for one year and it is to be again competed for at the next annual tournament. Should the same club win it twice in succession, it becomes the property of that club.

TWO PICTURES.

Editor Review: I suggest that you print two pictures in an early issue of the Review, one showing a greenhouse establishment with old boxes, barrels, pots and rubbish of all kinds lying about and chiidren running around with their shirt tails hanging through their pants, and the other showing everything in its place, with an office and well kept lawn in front.

I have traveied a great deal among the trade and have seen a great many places of both kinds. My experience is that the proprietors of the dirty places always say: "There is nothing in the business," while the owners of the nice looking places are doing a good business and making money. Please put under the picture of the dirty place the line, "There is nothing in the business," and below the other the line, "There is money in the business." I believe these pictures would benefit many by setting them to thinking. TRAVELER.

(No pictures that our artist could draw would be more expressive than the descriptions given by Traveler.—Ed.)

SPOKANE, WASH.

Miss Rose Wright reports that Decoration day trade was the best she has ever had, in cut flowers especiaiiy. Plants were in fairly good demand. Early outdoor stuff, such as liiacs and snowballs, were all gone, but there were a good many roses and some paeonies in bloom.

TROUBLES

Conducted by LEONARD LAWTON

Microscopic Snags.

C. H. G. writes: "Why will a good reputable wholesale house sometimes send out stock that is practically worthless? For instance: Some time ago we ordered a set of new geraniums at a fancy price. We received a bunch of microscopic, liver diseased snags, almost without roots or leaves. We sent them back in disgust and received a calm and superior letter stating that they were sorry we were not satisfied, but it was always customary to send out new varieties in 2½-inch stock. Good healthy rooted cuttings would have suited us very well. At another time we ordered stock of a new passiflora. The catalogue said "good strong 2½-inch." Each "good strong plant" consisted of a one-inch section of large root with a sprout forming a T. No roots, no soil or sign of ever having been potted. Does the fact that the same house usually sends good average stock justify a deal of this kind? They seem to think so. If so, why?"

Why good firms permit such stock to be sent out is a mystery to us, as it unquestionably loses them much future trade. It is a "penny wise and pound foolish" policy that has killed off more good customers and deterred more people from investing in novelties than any other one thing. Of course, they sometimes have nothing better to send out, and in such cases they would do much better to advise the buyer that all their good stock had been disposed of.

We remember the case of a certain new rose that was sent out some years ago. The stock sent out was positively disgraceful and the writer made some lifelong enemies by sharply criticizing it in print, thereby no doubt saving some in the trade from making an unfortunate investment.

We learned afterward that the stock of this rose, which was imported from Europe, was largely frozen in transit or while passing through the custom house. Pending its arrival a good deal of heavy advertising had been done in the American trade papers, and instead of deferring the date of introduction, the concern went ahead propagating as heavily as possible from the few plants saved, whereas they expected to have had many more to get cuttings from. Every weak little shoot had to be utilized to get up the required number, and the result was that the young plants averaged very poor, indeed, and there were some ugly complaints from those who received them. And, worst of all, the stock had been so weakened that the rose never amounted to much of anything here, though it was no doubt a good thing originally.

Of course, it was unfortunate that the importer was placed in a position where he had to send out poor stock or pocket a serious loss, but he would have been wiser to have borne the loss rather than do his business reputation such an injury.

No doubt other introducers of novelties have been placed in similar unfortunate positions. We know of a grower who had a fine new carnation, and he is a good, conscientious man, too, and a month or so before the date for introduction the bulk of his stock was sadly damaged by an overflow due to a freshet. He had a host of orders already booked and the loss of stock was a serious matter. He tried to pull himself out of the difficulty by propagating more heavily, and no doubt used material that he wouldn't have used under ordinary circumstances. The result was that the stock was considerably below his usual grade.

But we are free to admit that there are concerns who will send out most any old thing in the way of young stock, and how to cut them off is the important point. The Review has no favorites to protect and its policy is to watch closely the interests of its readers. It would probably be too large a task to treat every complaint that our readers might send and we suggest that a better way would be to say a good word for those who do send out only first-class stock. The surest way to make a man good is to make it profitable for him to be good. And you can make this clear to him most effectively by expressing a warm apprecation of virtue when you see it.

When you receive a lot of stock that is good, tell us about it and we will tell our readers. We are ready to give the best kind of free advertising to any firm who makes it a point to always send out first-class stock. Let good business methods receive their due reward and the other kind will suffer.

Be careful to sign your communications in full and don't allow your signature to be used by a schemer. It must be an honest, genuine report or it will not pass muster here.

Can any reader suggest a better plan than the one we have outlined?

Program Advertising.

F. A. B. writes: "Some years ago we found we had spent about $200 during the previous year for advs. in programs, on baseball fences, magic lantern views, etc. We decided to drop it and not spend a dollar in anything except the daily papers, from which we get good results. As a rule, we use the two and three line locals, with now and then a display or "crazy" adv. Attached find copy of one of the "crazy" advs. that was a great puller. It attracted much attention, provoked discussion, and pulled well among the class that see a little fun in life as they go along.

"Program advs. as a rule are a fake and if you once get your name in it is hard to get out, and the only way is to 'kick' out at once and stay out. If any customer tells you he will not trade with you unless you go in his program, let him go; he will come back some day; don't coax him; just treat him with business courtesy and he will see where he has made a mistake."

The adv. referred to appears below:

Richmond, Ind., may 3rd, 1900.

Deer Beluved Frienz.

We take our tipriter in hand two rite two let U no that wee ar reddy to fil ure flour beds With thee purtest plants u ever seed, an they ar aufull cheap in Price two, we got A hull lot off em, 2; U sea we don't ship no plants Skercly, and wee dont hav too sel U al of thee kulls We got left: but u alus gets the bestest plants two be hed fur koin. Wee hop U wil kum and by al of ure flours frum Us this Spring, Fur we haye got to have sum munny to pay our dets und we want to sel a hul lot of plants 2 get the Munny.

We kan fil ure vace so purty that ure nabors dog wont bark a singel bark after Sun doun, Hee wil be so fasanated with that vace that he will set and wach it al nite, he wont even notice the kats that hav prair metins on the eve spoutes.

we Wants uans two kum and sea our fine stock uf the splendedest Geraniums and other things U ever laid ure eies on, If U once lay ure eies on them ule have two bi them two git ure eies back, see?

U shud hav one off them nice porch boxes two set on ur verandy, they wil mak Ure home shine like 1 off them nu Easter bunnots the wimmin ar all waria, and they wont cost haf as much munny as them bunnots do, and they dont go out off style evry time U turn a korner of the streat.

Now bee sur and kum and sea usens, and dont furget two bring along a fu pikters of my "best girl" hammerd out on sliver plates an Then U can git sum of them gren "tradin stamps" sea? sum foks say we ar gren to giv them stamps, but we dont kar iff we ar gren, we haf to be in ower biznes.

Now be sur and kum and se Us and dont ax usens two rit any mor leters, and sea if we ant a beter suckses at growin nic plants than we ar at ritin leters on a pesky old ritin mashin.

YOURS FOR FLOWERS,
BEACH AND CHESSMAN.

We ask every reader to give us his experience in advertising to reach retail trade.

Salaries.

From "All Around" comes the following: "I am troubled, and since you invite trouble, I will trouble you with my trouble. The trouble that is troubling me is this: Why good, all around florists, capable of any work pertaining to the business, from washing pots to decorating a lady's drawing room, don't get as liberal pay as many so-

called specialists can with far less experience. Can you give a logical solution?"

If specialists, such as rose growers, carnation growers, etc., are referred to, it is no doubt due to the fact that larger interests are involved where specialists are employed, and the employer feels less inclined to take chances.

A man who is particularly successful with roses can naturally make himself more valuable when in charge of a range of rose houses than if he had only one house of roses and the other houses contained mixed plants, with which he was no more successful than thousands of other men.

To be recognized as a specialist one must be able to do some one thing especially well—much better than the average all around man. And to insure a good paying position as a specialist, the specialty must be one that is financially important to the employer. The most valuable man to a grower is the one that can produce the most money from the glass under his control.

Probably there are specialists who are worth to their employers even less than a good, all around man is to an employer doing a general business, but such cases are no doubt exceptional. And exceptional cases should have exceptional treatment.

We hope our readers will have some views to express on this subject.

Further Questions.

We want a tough problem or so from you for next week. If YOU could have a useful reply to any question on any subject, what would YOU ask?

NEW YORK.

The Rose Show.

The first June show of the American Rose Society is an item of history and can be considered in many ways. It was far from being an ideal show, and yet when many things are weighed it was not so big a failure as many have thought. It is a very easy matter to visit an exhibition and criticise and suggest—yes, far easier than to turn in and help to make it what you think it ought to be. The schedule offered by the Rose Society was very faulty and will no doubt be different next time. It was locally understood that the first was commercial growers' day, and the second for private gardeners.

The growers cannot be complimented on their showing and there is no excuse. It is quite evident that the majority of commercial rose growers confine their energy and idea of roses to the few varieties grown under glass, whilst the nurserymen and importers consider the rose mainly in a dormant state. While the main support of a June rose show in this country should come from the private gardens, yet there is no excuse for the lack of interest or half-hearted interest of the commercial element.

There seems to be a lamentable lack of sporting blood among gardeners and growers. They abuse clubs and societies for not holding exhibitions, and then when they are offered, confine their interest to a visit on a free ticket and a search for weak points. If the society will offer the right kind of schedule for the next two shows there will be no doubt as to their success, for the New York Gardeners' Society and many of the local societies have promised their support.

There were many very fine exhibits staged at this June show, and all those who sent flowers there, whether for competition or not, deserve much praise. It would be difficult, very difficult, to find another man like Benjamin Dorrance. The sacrifices he has made to make the last two shows successes will never be appreciated as they ought to be. In addition to scarcely ever leaving the hall, he sent his every rose there. And it seemed to us that when roses were being sold to the Greek peddlers for $1 and $1.50 per thousand, there is something wrong in the "make up" of all those who kept out; and yet perhaps something like 50,000 roses could have been gotten from this source for the mere asking.

We know of two private gardeners, not members of the Rose Society, who sent almost every good flower they had; many know how they were treated. If a man stages 75 vases of herbaceous flowers just to help fill up the show, we imagine the society should at least pay the expressage and not ignore the exhibit altogether; little things like this affect future shows. But whilst we are old fellows, it's a young country, and, if the present efforts do not come up to all that's pleasant, those of some other generation may. Only you should take off your tight coat and help.

The New York Botanical Society exhibited a collection of twenty varieties of wild roses from different parts of the world; these were very neatly labeled. The Pratt estate, Glen Cove, L. I., showed 85 varieties of garden roses. Benjamin Dorrance, E. G. Asmus and F. R. Pierson Co. sent very fine exhibits of teas, hybrid teas and hybrid perpetuals. Dailledouze Bros.' new carnation "666" was in fine shape, a vase of 100 blooms was one of the features of the show. John Lewis Childs put up an extensive collection of annuals and herbaceous flowers, as did also George H. Hale and James Dowlen, of Seabright, N. J. W. A. Manda exhibited a set of his new Wichuraiana seedling roses; they were very pretty. Siebrecht & Son, Peter Duff, T. Walsh, F. W. Newbold and A. Herrington staged fine exhibits of miscellaneous flowers, not for competition.

M. Horsath, Glenville, O., exhibited a very fine new pot rose after the style of the old Agrippina; this was awarded a certificate. We judge from the little we saw of it here that this rose will be a big success as a pot or bedding rose; it is a little gem and the sooner it is on the market the better.

Robert Kift's new flower holders greatly assisted in showing many blooms to best advantage. We think Kift's patent will be very useful as an exhibition vase, especially for orchids, roses, etc.; they are fine for this purpose.

Those who entered for competition and won prizes were Siebrecht & Son, Wm. Scott, W. W. Law, W. G. Gomersall, G. H. Hale and Thos. Young, Jr. W. A. Manda was awarded the society's preliminary certificate of merit for one of his Wichuraiana hybrids, a beautiful pink climber called Pink Pearl.

Strawberry Show.

The New York Gardeners' Society held a strawberry show in connection with the rose show and every exhibit of roses and other flowers except two sent to the show on Wednesday came from members of the above society. The prize winners were G. H. Hale, W. Scott, H. Nichols, J. Dowlen and A. J. Wengerter. Specials were awarded to J. Dowlen and H. Nichols for novelties.

Various Items.

The condition of business went from bad to worse all last week. This Monday morning it started out somewhat improved. The greatest glut of outdoor roses is over and carnations were a little higher.

The bedding out season is drawing to an end. The next will be palms, etc. There promises to be some big bargains going in palms and decorative stock shortly.

Everyone seems to be making special efforts to have their places in good shape by the time convention visitors reach here.

The bowling scores last night were:

Traendly	145	155	134
Schenck	140	154	150
Lang	159	148	158
Burns	131	125	104
Manda	154	149	137
Von Asch	115	108	89
Marshall	89	133	124
Adams	84	86	80
Donlan	...	172	128

J. I. D.

BOSTON.

The Market.

The tide of blossoms has not yet begun to ebb, but is soon expected to do so, and may be an accomplished fact by the time these lines reach the reader. Buyers are purchasing heavily, but the supply is so unlimited that prices rule as low as last week, and a huge surplus is left for the street. One peculiarity is the quite smart call for good yellow roses, for which the demand is usually very limited, if not non-existent, and the beginning of school commencements is making a

market for good red roses which pleases a few who are cutting some fairly good outdoor Jacks.

Monday morning opened with a brisk movement on firecrackers, torpedoes and soda water, and the magnetic needle pointing straight at Bunker Hill monument did not affect traffic in flowers much except that the street man rose to the hook a little better. But he was easily frightened away.

Notes.

Sunday was the day J. M. Tuohy took a ride on the boulevard, with wife and baby on board, to get the full benefit of the balmy air. But the horse excusably took offense at the remarks of an automobile, put up its fists and backed up for a good start, never minding the smithering of a wheel and other minor incidents, putting Floral Jim in an interesting attitude. He took the horse by the jaw, the better to whisper in his ear, and an opportune policeman came along and adopted the whole outfit, so that the Tuohys electricked home. A noticeable feature is that the policeman took the number of the auto and told Tuohy to pay no attention to demands for damages from the owner of the hired team, holding the auto entirely responsible. B. T.

CHICAGO.

The Market.

The glut, especially of carnations, continued until Tuesday of this week, when there was rather a scarcity, particularly of good roses. The cool weather has considerably improved the quality, especially of carnations. Prices have stiffened some and conditions are better all around. The majority of the school closings take place this week and next and shipping trade is first-class. Local demand keeps up well, too, and all the wholesalers are busy. At date prices range from $3 to $6 on roses and from 50 cents to $2 on carnations.

Outside grown sweet peas are coming in and the color is very noticeably better than that of indoor grown blooms. The season has been unusually favorable and we never saw Blanche Ferry of a richer hue. They sell very well, but the price is not very high.

Other outdoor flowers, such as daisies, campanulas, cornflowers, etc., go very slowly at low figures and frequently won't sell at all.

Good paeonies are, however, right in it, the shortage of roses and fancy carnations materially increasing the call for them. They will no doubt be pretty well cleaned up the latter part of this week.

Armazindy carnation is showing itself to be a very poor keeper, the poorest in the bunch. And Scott and Hill are not much better. They go to sleep so quickly that unless moved in a few hours they are worthless.

Mr. E. E. Pieser, of Kennicott Bros. Co., says the newer carnations don't keep as well as the older sorts, anyway. The old McGowan is by far the best keeper now. Wonder if chemical fertilizers haven't something to do with this.

E. C. Amling says that his experience with Armazindy is that it stands at the foot of the list as a keeper.

Bassett & Washburn are doing an enormous shipping business and say trade generally is immense.

Archie Spencer, at Peter Reinberg's, says things are moving finely and that he hasn't the smallest kind of a kick to register.

McKellar & Winterson report an unusually large shipping trade in general supplies, as well as cut flowers.

Club Meeting.

At the meeting of the Florists' Club last Friday evening Chairman Rudd, of the committee on co-operative purchase of coal, made a report showing the committee had gone very exhaustively into the matter. The growers reporting to the committee used 24,000 tons of coal, and Mr. Rudd estimated that the florists of Chicago and immediate vicinity used no less than 100,000 tons of coal annually.

He had interviewed a great many coal dealers and had obtained all the information possible. Coal prices just now are held quite firmly and he thought the chances were 3 to 1 that a break would come soon and that it would be well to defer ordering. The committee was continued and will be prepared to act when conditions are favorable.

During the discussion of the report many interesting points regarding coal were brought out. Mr. Rudd said he was convinced that florists could get the most value for the money from lower vein Brazil block, and though there was a difference of only 10 cents per ton in the prices of lower vein and upper vein, he felt that there was a real difference of 25 cents a ton in value. But the difficulty is to get the lower vein. He had reason to believe there were only two mines in Brazil that produced the lower vein block, and that what is generally sold for lower vein is from one-third to two-thirds upper vein.

Several growers had reported that they used Hocking and he thought they were losing money by so doing. His experience was that it took more tons of Hocking to carry him through than of the Brazil block, and the Hocking cost more money per ton.

He wouldn't use a coal that contained much sulphur, no matter how low the price. The sulphur is what makes clinkers, and in poking the clinkers out of the fire more fuel is lost than the value of the difference in cost.

The height and area of the stack were mentioned by Mr. Broadbeck as factors to consider in the use of any coal, and all agreed that it was important. With a stack both tall and large and abundant boiler capacity, some coals can be used to advantage when they can not be if these conditions are lacking.

And the fireman is even more important. This subject developed in importance during the discussion until hearers were led to believe that a fireman who understood his business thoroughly could save a large percentage of coal that is now wasted. Mr. Rudd said he made it a point to examine his ash heap frequently and from that could quickly tell whether his fireman was getting full value out of the coal used.

It was shown that freight rates largely determine the price of coal. The roads are now holding rates up stiffly. If the combination breaks and rates fall, the price of coal will drop. The railroads are now having one of their periodical fits of bracing up freight rates. They have done this many times before, but have generally broken away when freight shipments began to fall off in midsummer. Such a reaction is looked for soon.

The transportation committee reported that indications were favorable to securing a very satisfactory rate to the New York convention, and in view of the fact that the club had invited the S. A. F. to meet in Chicago next year, urged the importance of having a large delegation at New York.

What the entertainment committee had up its sleeve proved to be a lunch accompanied by malt extract. Judging from the size of the lunch and its accessories, the committee has a very large sleeve.

While the lunch was being disposed of Mr. J. Austin Shaw, who was present, read some of his characteristic verses and told in rhyme what he thought of Chicago and what the New York club would do in the way of entertainments next August. He was greeted with large chunks of enthusiasm and invited to take a Turkish bath, which invitation he declined with great promptness. Nothing can disturb the equanimity of this gentleman, and in spite of irrelevant interruptions he gave the boys a pointed sermon on the necessity of being good and, above all, being present at the great convention to be held in New York this summer.

Other visitors at the meeting were: J. C. Rennison, Sioux City, Ia., and Jos. Heinl, Jacksonville, Ill.

This was the last regular meeting of the club for the winter season and the summer vacation will now be enjoyed.

Various Items.

The rose garden on the wooded island at Jackson Park was visited by over 40,000 people last Sunday. The display of bloom was immense. This garden was planted at the time of the

DREER'S RELIABLE FLORISTS' FLOWER SEEDS

While somewhat early to start Cineraria, Primula, etc., it is much better to be a little early than late.
The strains offered below are the very finest procurable and can be depended upon to produce satisfactory results.

DREER'S PRIZE CINERARIAS.

We have seen flowers of this strain measuring over three inches in diameter. Habit of plant perfect. A good range of color.

	½ Trade Pkt.	Trade Pkt.
DREER'S Prize Dwarf	$0.60	$1.00
" " Tall	.60	1.00

We also offer a choice grade which is fully equal to the best sent out by many.

	Trade Pkt.
DREER'S Choice Dwarf	$0.50
" " Tall	.50

DREER'S SUPERB GIANT CYCLAMENS

Our strain of these is extra fine. We have furnished some of the largest growers in the country with thia stock and they report that they could ask for nothing better.

	Per 100 Seeds.	Per 1000 Seeds.
Dreer's Superb Giant, White	$0.75	$6.00
White with carmine eye	.75	6.00
Blood Red	.75	6.00
Rose	.75	6.00
Mixed	.60	5.00

We also offer an extra fine strain of the regular Cyclamen Persicum. This type is much easier to grow than the Giganteum, and is very satisfactory. Mixed Colors Trade pkt., 15 cents; oz., $1.25.



DREER'S SUPERB FRINGED PRIMULAS.

Our strain of these are now grown by florists all over the country and always give entire satisfaction.

Our $1.00 trade packets contain from 500 to 1000 seeds each—according to variety.

	½ Trade Pkt.	Trade Pkt.
Alba Magnifica, the finest white,	$0.60	$1.00
Alba, the old reliable white	.60	1.00
Chiswick Red, the brightest of all	.60	1.00
Holborn Blue, an odd shade	.60	1.00
Kermesina Splendens, deep crimson	.60	1.00
Punctata Elegantissima, white spotted crimson	.60	1.00
Rosy Morn, delicate pink	.60	1.00
Rubra, a good bright red	60	1.00
Fern Leaved varieties, mixed colors	.60	1.00
DREER'S MIXED, the finest mixture of Primula ever sent out, all colors	.60	1.00

Choice stocks of **Calceolaria, Gloxinia, Pansy, etc., etc.** A full list of same will be found offered in our current wholesale catalogue.

HENRY A. DREER, 714 CHESTNUT STREET, PHILADELPHIA, PA.

Mention The Review when you write.

World's Fair, seven years ago, and it is interesting to note that the varieties which have stood the test of time and are now making the display are the good, old, tried and true sorts, such as General Jacqueminot, Paul Neyron, Anna de Diesbach, Mrs. John Laing, Magna Charta, Prince Camille de Rohan, Victor Verdier, etc. Such sorts as Baroness Rothschilds and Merveille de Lyon have made little if any growth since the garden was planted, and look like dwarfs among the beds of more vigorous growing sorts. Of the newer varieties that have survived, Margaret Dickson is as good as any, and it makes but a poor showing here. The old Madame Plantier is grand and the good old Maiden's Blush makes a splendid growth, the flowers being very fair. A variety labeled George IV. is poor enough to throw on the rubbish heap.

Certainly the success of this garden is sufficient to demonstrate that good outdoor roses can be grown in this climate. Its planting was done during the World's Fair by Melchior Luetchg, and a decided factor in establishing the plants was the heavy mulch of lawn clippings he placed on the soil, thus securing a cool bottom and protection of the roots from the burning sun. Since the Fair the garden has been under the charge of Mr. Fred Kanst, of the South Park system.

Jackson Park, by the way, will in time be much the most beautiful park in the city. It is superbly planted and lacks age only. The wooded island, which was planted during the fair, is already almost ideal, and it is safe to say that no other park in the world has a more perfect example of good water margin planting.

Owing to the long cool spring and abundant rains, carnations in the field are in extra fine condition.

The Bowling Club will hold a meeting at McKellar & Winterson's at 8 o'clock Friday evening (June 22) to arrange for a series of games to determine who shall compose the team to represent the club in the New York tournament.

Recent visitors: George Blackman, Evansville, Ind.; Harry White, New Holland, Ind.; J. C. Rennison, Sioux City, Ia.; Carew Sanders, St. Louis; Jos. Heinl, Jacksonville, Ill.

McKellar & Winterson are selling a good many blooming hydrangeas and other plants.

ST. LOUIS.

Club Meeting.

The St. Louis Florists' Club's June meeting was poorly attended and the miscellaneous cut flower show was again a failure and has now been postponed until this fall.

President Ammann opened the meeting with only nine members present.

The exhibition committee reported progress and that they had the Shaw prizes ($500) to begin with. The hall has not been selected yet, but at the next meeting of the club the committee will make a full report as to what arrangements have been made for the coming show. The committee will meet again this week to work on the preliminary list. Convention matters were then talked over and John W. Kunz was appointed a committee of one on transportation. All those who wish to go should send their names to Mr. Kunz at once. The trustees, A. S. Halstedt, C. C. Sanders and H. G. Ude, were instructed to arrange for a picnic in July.

The president announced that at the next meeting the nomination of officers would take place and he hoped for a large attendance. Every member of the club should be present at this meeting, as some very important matters will come up. The meeting then adjourned until Thursday afternoon, July 12.

Notes.

The situation regarding the cut flower trade remains about the same as last reported. Except for the school commencements and a few weddings, it would have been very dull, but those events brought out an extra call for first quality stock. From now on the florists will have to content themselves mostly with funeral work, as all social events are at an end, and the flower-loving people are about to start for the summer resorts.

There are still plenty of flowers coming in and some are really good. Kaiserin and Brides are doing well; Meteors also are in good shape, and other roses are about the same as last week. Kaiserin and Meteors are free from mildew. Prices run from $3 to $5 per 100. Carnations have been quite

SAMUEL S. PENNOCK. Wholesale Florist.

Until July 1st, Open from 7:00 a. m., to 8:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

plentiful, but small, and the price remains the same, $1 per 100, with a few fancy grades going at $1.50. Quite a lot of Scotts were sold the past week for commencements, the color being just right, while white has been in good demand for funeral work, which has been plentiful with some of the West End florists. Sweet peas are still a great glut and, though the price is down to 25 cents per 100, many of them go to the dump pile, especially the darker shades. The lighter shades sell better, as they can be used for any kind of work.

Fred Ammann has a house of 1,500 American Beauties planted which are in fine shape, and his Perles, too, are in splendid condition.

Frank Fillmore is replanting and will stick to his big four combination, Brides, Woottons, Perles and Bridesmaids. This year he is going to try a few Beauties.

Ostertag Bros., who left last week to furnish the Keren wedding at Elkins, W. Va., bought nearly all their stock at Chicago, Philadelphia and New York, and from the accounts in the daily papers the affair must have been an elaborate one. They are expected home this week and then we shall hear more about it.

H. M. Schisler, B. P. Cornelli and C. E. Prunty returned from Chicago, where they attended the meeting of the American Seed Trade Association. They are much pleased with their trip.

R. J. Mohr, of the Missouri Botanical Garden, left for Philadelphia Saturday night with the Turners, to be gone ten days.

The florists of St. Louis and vicinity should not fail to advise J. W. Kunz, at 504 Olive street, if they have any intentions of going to the S. A. F. convention this year, as Mr. Kunz is making arrangements to get the best rates that can possibly be obtained.

J. J. B.

PHILADELPHIA.

There has been no perceptible change in business from last week, although the orders for decorations, placed in anticipation of the Republican convention which is being held here this week, have helped the retail stores and served to break the dullness in the trade this week.

Prices: Beauties, 50 cents to $3 per dozen; Brides, Maids, Meteors, Golden Gate, $1 to $5; Kaiserins, $4 to $5; Perles, $1 to $4; carnations, 50 cents to $2; cattleyas, $35 to $50; valley, $2 to $4; sweet peas, 25 to 50 cents; cornflowers, 25 cents; gladiolus, $3 to $4; cuneatum, 75 cents to $1; asparagus, $35 to $50; smilax, $15 to $20.

M. F. La Roche, Collingdale, sold his entire stock at auction June 16.

We had for our visitors the past week Mr. Evenden of Williamsport, Pa.; F. B. Leedy, Harrisburg, Pa., and Mr. Cook, of Washington, D. C. R.

RACINE, WIS.—Mrs. C. W. Pike has not closed her place of business, as reported in one of the papers, and will not do so at present.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman or manager; would run a place on shares, or rent. Place must be in good condition. Address 50, care Florists' Review.

WANTED—A man accustomed to growing American Beauty roses. No other need apply. Permanent position to the right man. Address Harry Simpson, Edgely, Bucks Co., Pa.

WANTED—Information in reference to Richard Rule, formerly employed by Parkside Floral Co. Address Edwin Eagle, 70th and Adams Ave., Chicago.

WANTED—Man to make himself generally useful, do potting, take care of horse, etc. Apply Greenhouses, 70th and Adams Ave., Chicago.

WANTED—Helper in rose houses. Must be experienced. Address J. M. Gasser, Euclid Avenue, Cleveland, Ohio.

FOR SALE—At one-half their actual value—Greenhouses containing 9,000 sq. ft. of glass, situated in a thriving town close to Chicago; houses well stocked. Address H. C., care Florists' Review.

FOR SALE—House, barn and greenhouses, with stock in good running shape. $700 cash, balance easy payment. Within 40 miles of Chicago. Address American, care of Florists' Review.

FOR SALE—Cheap. A 25-horse power horizontal boiler, with front, etc., practically as good as new. A bargain for some one. G. Van Bochove & Bro., Kalamazoo, Mich.

FOR SALE—A 24x42 Wilks Hot Water Heater, as good as new; been in use 2 years; a bargain Address A. Londenburg, Hobart, Ind.

FOR SALE OR RENT—Two greenhouses, 20x75 ft. each; fair condition, steam heat; good stock of plants on hand; write for particulars. J. S. Pumphrey & Son, Celina, Ohio.

FOR SALE CHEAP—On account of ill health, three greenhouses, one 20 x 50 feet, two 12 x 50 feet, with fine business, in a thriving city of 15,000 inhabitants. Hot water system. Houses to be moved A splendid chance for a live man to make money. Small competition. Address 105 Linn Street, Janesville, Wis.

WANTED—A young man for general propagating and rose growing, on a place of 14,000 feet of glass. Address J. H., care Florists' Review.

JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE 'PHONE 2985.

We Command a Good Market. Consignments Solicited.

WANTED—A good all round greenhouse man, married or single. Give reference and state wages. Jacob Russler, 102nd and Butler Streets, Chicago.

FOR SALE—Greenhouses with 10,000 ft. of glass and 5 lots 125 x 25; steam heat and well stocked. In Chicago. Address 10, care Florists' Review.

WANTED—Position as manager of first class florist business by competent young man; married; can write former and present employers for reference; also want references from prospective employer; life experience in store and greenhouse work; used to handling help. Write Commercial, care Florists' Review.

SITUATION WANTED—A permanent situation as manager of commercial place, new one preferred. Will be at liberty July 1. Am up-to-date in every department. North-eastern Pennsylvania preferred. Address Practical, care Florists' Review.

WANTED—Immediately, a willing young man, between 19 and 25 years old, who has had two or three years' experience in rose houses; wages $25 and board per month; steady employment. Address G. O. Wilson, Fruitvale, Alameda Co., Cal.

FOR SALE.

240 acres of land on Isthmus of Tehauntepec, State of Vera Cruz, Mexico.

For full particulars write

ROLAND HUGHES,

846 New York Life Bldg., KANSAS CITY, MO.

Mention The Review when you write.

FOR SALE.

FOR SALE. — On western coast of Michigan, 2 lots, 2 greenhouses, all modern appliances, in excellent condition Good business location. Good opportunity for energetic man. Price $2,200.00. Write for particulars.

FOR SALE OR RENT. — Near Erie, Pa. Lot 100 x 150. Large two-story dwelling and four greenhouses almost new. Good glass and well heated. Excellent business location. Price $2,000.00, easy payments.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 860.

Always mention the Florists' Review when writing advertisers.

PRICE LIST.

ROSES.

Beauties, long	per doz.,	$3.00 to	$4.00
" medium	"	2.00	
" short	"	1.00	
Brides and Maids	per 100,	4.00 to	5.00
Meteor	"	4.00 to	6.00
Perles	"	4.00	
Roses, seconds	"	3.00	

CARNATIONS.

Standard sorts, select	per 100,	$1.50	.....
Fancy, select	"	2.00 to	$2.50

MISCELLANEOUS.

Pæonies	per doz.,	$ .50 to	$ .60
Harrisii	$8.00 per 100; "	1.25	
Callas	"	1.25	
Migonette	"	.25	
Valley	per 100,	4.00	
Sweet Peas	"	.40 to	.60
Marguerites	"	.50	
Cornflower	"	.40	

DECORATIVE.

Asparagus	per string,	$ .50
Galax, green and bronze	per 1,000,	1.50
" " "	per 100,	.20
Ferns	$2.00 per 1,000; "	.25
Ferns, Malden Hair, choice	"	.75
Smilax	per doz.,	2.00

Prices subject to change without notice.
All stock billed at market rates.

OUR SPECIALTY.....

We have gained something of a reputation for the high grade of the Carnations which we handle, but we wish it understood that we are by no means limited to this item. Our BEAUTIES, BRIDES, BRIDESMAIDS and METEORS are the equal of any in the country. We want a few more customers for high-grade stock.

E. C. AMLING,

Wholesale Cut Flowers,

32-34-36 Randolph Street, CHICAGO.

Mention The Review when you write.

BUFFALO.

The chief feature of the season, next to a horribly dry time, is the surplus of flowers. They have been much overdone the past two weeks. Roses at last are showing the effect of summer weather.

I looked in at W. J. Palmer & Son's last week and found the old gentleman elevating two small grandsons on to the top of a lofty step-ladder so that they could see over the crowd and get a good view of Four Paw's circus parade, and that was a good opportunity for the two grandpas to exchange views. I noticed his magnificent display of carnations and they were just about as good as in March; and the roses were excellent for this season. I see flower stores occasionally, but this one comes pretty near being THE one, in my estimation, of all I have seen in any city. Clean, bright, gorgeous.

Son Billy is taking a holiday at Cambridge Springs, Pa., where they have medicinal water and a bowling alley. W. J., Jr., deserves a holiday, for he is a worker from 'way back, and I hope he becomes so proficient with the balls that he will join our team in New York.

While on sport I might as well remark that our team is somewhat strengthened by the return of David J. Scott from John Westcott's team. If we can hold this young man at home till the convention, he will take the place of some of the stiff ones.

We had a call last week from the brainy Mr. Skidelsky, but regret that we missed Mr. Anthony Wiegand, of Indianapolis.

One day last week we found ourself one of a party of five round a small table. The others were: J. H. Rebstock, Henry Wise of East Aurora, Mr. Schwert of Cheek-to-Wa-ga (Indian for "Big Geranium") and W. F. Kasting. How lively the talk when you get five of a kind together! The way S. A. Nutt, Double Grant, Francis Perkins and Alphonse Riccard flew across the table was bewildering.

We all agreed the season for bedding plants had been a good one and that there was no city grew as high a grade of plants, and no city of its size used as many, and no city so beautiful in its residence streets, and, after one more round and condemning some establishments for selling to grocery stores far too cheaply early in the season, we broke up. Flower beds are filled, veranda boxes are up and the dullness of July is approaching.

There is to be one less after July 1. The old Brower place, on East North street, lately run by Louis Hock, better known as "Chris Louie," is to be sold and Louie will work for his old boss, C. F. Christenson.

A visit to Mr. C. F. C. on Friday shows great progress and he will soon have six grand houses. The windmill is up, a spacious barn built, and a grand cellar blasted out of the solid rock. "I shall have a partition here, my boy, the three boilers will be there and then comes a brick wall, and up in this corner will be a cool place for the bottles." I think he meant insecticides.

W. S.

Dracaena Indivisa and Vincas.

See our "Ad." in last week's issue, then write us for prices on quantities.

OUR STOCK IS EXCELLENT.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

THE SEEDSMEN.

The next meeting of the American Seed Trade Association will be held in Buffalo, N. Y., and the officers for the ensuing year are as follows: President, Albert McCullough, Cincinnati, O.; first vice-president, F. W. Bolgiano, Washington, D. C.; secretary-treasurer, S. F. Willard, Wethersfield, Conn.; assistant secretary, A. N. Clark; executive committee, Alex. Rodgers, W. J. Mandeville, C. S. Clark, A. J. Brown, I. B. Clark.

NOW.

Now is a good time to secure a copy of the Florists' Manual, by William Scott. You need it in your business. It is a book that will help you to save money and to make money. You cannot expend $5.00 in any better way. It is the best business investment you can possibly make. Start the new season in the right way—Mr. Scott's way. Let us have your order now.

WASHINGTON.

Business now is very quiet, with the exceptions of commencement and funeral work, and, outside of these two lines, sales are practically dead. Roses of all kinds are of a poor quality, although Gude Bros. are still cutting some fine Beauties for this season of the year. Sweet peas are very popular, but the over-production causes the prices to go way down.

All tea roses bring 2 to 4 cents; carnations, $1 per 100; peas, $1 to $1.50 per 1,000; cornflower, coreopsis and auratum lilies can be bought at any price.

Most of our growers are now very busy planting and building. Among those who are building are C. Sheldon, who is adding another house 30x150; Theodore Dietrich, another violet house 100x20; Gude & Bro., two houses 150x30 for Beauties and Liberties; F. H. Kramer, four houses 140x30 for roses and carnations.

A great many new carnations will be grown in this vicinity this year.

From all indications the S. A. F. meeting in New York will draw the largest delegation that has ever gone from here. It has not yet been decided whether we shall attend in a body or not.

W. E. Lacey, formerly with the American Rose Co., has bought out their Twenty-second street branch store and conservatory. Will is very popular with the boys, who wish him success. F. H. KRAMER.

LOWELL, MASS.

The midsummer season, which generally implies a dull spell, does not seem to have affected trade to any noticeable degree. On the contrary, business is quite brisk while the usual crop of June weddings promises to keep the florists busy.

Messrs. Patten & Roberts report the biggest spring trade they have had in years, while their Decoration Day trade surpassed their most sanguine expectations.

This enterprising firm has recently added a handsome delivery wagon to their general up-to-date equipment. It is an elaborate affair and attracts a deal of attention as it rolls along the avenue.

J. J. McManmon is sprucing up things about his greenhouse establishment and expects to be equipped in fine shape to handle his ever increasing trade. Besides growing a general stock of cut flowers and plants for his retail trade, Mr. McManmon devotes a deal of his time and space to nursery stock.

Whittett & Son are well satisfied with the result of their spring sales; nor is there complaint from any quarter. S.

ST. PAUL, MINN.—Michael Mandl, the florist, is very ill and is at one of the city hospitals.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

Carnation Blooms...
In Unlimited Quantities, Shipped to all points.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Flora Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
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The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

Cut Flowers.
VALLEY for the June Brides.
AMERICAN BEAUTIES a Specialty.
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., - Milwaukee, Wis.

We are the Oldest, Largest and Most Reliable Cut Flower Commission House in the West.

CUT FLOWER PRICE LIST.

	Per doz.
Beauties, long	$3.00 to $4.00
" medium	2.00 to 3.00
" short	.75 to 1.00
	Per 100.
Perle	$3.00 to $4.00
Bride, Bridesmaid	3.00 to 6.00
Meteor	3.00 to 6.00
Roses, our selection, assorted	3.00
Carnations, extra select fancy	2.00 to 2.50
Fancy Stock	1.25 to 1.75
Medium Grade	1.00 to 1.50

We will this year, as we did last, have PÆONIES until July 4th.

All shipments of Pæonies guaranteed to arrive in good order at any point in the United States.

PÆONIES $4 to $5 per 100.

KENNICOTT BROS. CO.

42 and 44 E. Randolph St., CHICAGO, ILL.

CUT FLOWER PRICE LIST.

	Per 100.
Smilax	$15.00 to $18.00
Callas and Harrisii	10.00
Daisies	.50 to 1.00
Mignonette	1.00
Lily of the Valley	4.00
Alyssum	.25
Sweet Peas	.40 to .75
Pæonies	3.00 to 5.00
Corn Flower	.40
Common Fern	.25
" " per 1000	2.00

This year's customers must be ours next year. The VALUES we give are our best advertisements.

Mention The Review when you write

SPECIAL PRICES!!!

FOR TEN DAYS ONLY.

Geraniums—Choicest varieties, true to name. Bruanti, best scarlet bedder (in quantity); S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, La Favorite, White Swan, Mme. Jaulin, Frances Perkins, Mme. Gaar. SINGLE—White Mme Bruant, Dr. Jacoby, $2.25 per 100; $20.00 per 1000. Rose Geraniums, $1.50 per 100, strong 2½-in. Mme. Salleroi, strong 2-in., $1.50 per 100.

Coleus—Separate colors, beautiful varieties, $1.50 per 100, strong 2-in.

Ageratum—Princess Pauline, strong, 2-in., $1.50 per 100.

Fuchsias—Choicest varieties, 2-in., $1.50 per 100.

Alternanthera—Red and yellow, 2-in., $1.50 per 100.

Alyssum—2-in., $1.50 per 100.

Giant Comet Asters (true)—Pure white and mixed colors, $1.50 per 100.

25,000 2½-inch Roses, no finer stock grown. Brides, Perles, Meteors and Maids, $3.00 per 100. Kaiserin and Golden Gate, $4.00 per 100. Guaranteed satisfactory in every respect.

If you are in need of plants for stock order at once, with cash, please.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Cabbage!======Cabbage!

H. Succession, Early and Late Flat Dutch Drumhead Savoy and other varieties, field-grown plants. 15c per 100, $1.00 per 1,000, $8.50 per 10,000.

CELERY. White Plume, Golden Self-Blanching, Giant Pascal, New Rose and other varieties. 10 acres will soon be ready. 15c per 100, $1.00 per 1000, $8.50 per 10,000. (Large enough now for transplanting at 75c per 1000.)

TOMATO, Stone Paragon, Royal Red and other varieties, field-grown, 15c per 100, $1.00 per 1000, $8.50 per 10,000.

Any of the above plants by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son. White Marsh, Maryland.

Mention The Review when you write.

Ready for delivery on and after June 20

MARIE LOUISE VIOLET PLANTS from soil,

at $20.00 per 1000. Clean, healthy stock.

L. R. LANE, - BABYLON, L. I.

Mention The Review when you write.

SURPLUS STOCK

CHEAP FOR CASH.....

1000	ROSE GERANIUMS, from 2½-inch pots	per 100,	$2.00
500	GERANIUMS, assorted, from 3-inch pots	"	2.00
800	HELIOTROPES, from 2½-inch pots	"	2.00
300	LEMON VERBENAS, from 2½-inch pots	"	2.00
500	PETUNIAS, Double White, from 2½-inch pots	"	2.00
300	SMILAX, from 3-inch pots	"	2.00
200	GERANIUMS, Mme. Salleroi, from 3-inch pots	"	2.00
5000	CHRYSANTHEMUMS, all the new ones of last year	"	2.00
1000	LATANIA BORBONICA, from 2½-inch pots	"	3.00
6	LARGE FICUS ELASTICA, 8 feet high, 5 feet diameter, grown in tubs	each,	5.00
3	LARGE LATANIA BORBONICA, grown in half barrels, 5 feet diameter	"	8.00

Address **JAMES MORTON, - - CLARKSVILLE, TENN.**

Mention The Review when you write.

10,000 Excellent STOCKY 4-INCH LATANIA....

READY FOR SHIPTING. $20.00 per hundred; $190.00 per thousand.

WALTER RETZER & CO.,
Successors to Albert Fuchs,
2045-2059 CLARENDON AVE.,
CHICAGO, ILL.

Mention The Review when you write.

Burpee's Seeds Grow

FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

Mention The Review when you write.

PLANTS...

Celery, Tomato, Cabbage, Peppers, Etc.

Cheap in Large Lots.

J. S. LINTHICUM, WOODWARDSVILLE, A. A. Co., MD.

FOR SALE. Marie Louise Violets....

20,000 rand rooted cuttings will be ready June 20. These cuttings are clean and free from disease. Please come and see for yourself. The above cuttings are $15.00 per 1000; cash with order. Orders booked now. Also, clumps of Marie Louise Violets at $4.00 per 100—clean and full of well rooted runners.

C. LAWRITZEN, Flat Rock Greenhouses, Rhinebeck, N. Y. (On the Hudson.)

MADISON, N. J.

Club Notes.

The regular meeting of the Morris County Gardeners and Florists was held in Masonic Hall on Wednesday last. The principal business was the final completion of the schedule, which will shortly be issued. The offers of special premiums have come in with a liberality surpassing expectation, and the schedule when issued will, with the specials and appropriations, total more than $500.

A growing interest in the work of the society is manifest generally. Upon motion it was decided to adjourn through the hot months, to meet again on the regular date in September.

A. H.

BLOOMSBURG, PA.

Queen Louise, Mr. Dillon's seedling carnation, promises to mount the throne in 1901 and to reign supreme among the whites. It is unquestionably worthy of the name, a veritable queen among whites. Perfect in form, of a pure glistening white, borne on a long, stiff stem and with a calyx that does not seem to go asunder, such are its qualities. What is equally in its favor, and what counts with the grower, is the fact of its being no cropper. It blooms continually, although at this season it is not at its best, in so far as the quality of the blooms are concerned.

That Queen Louise is the ideal white is the opinion of all those who saw it growing.

S.

SWEET PEAS AT PARIS.

The display of sweet peas by W. Atlee Burpee & Co., Philadelphia, at the Paris Exposition, was awarded first prize.

To Close Out...

METEORS.....in 4, 3 and 2½-inch.
MAIDS.....in 3, 2½ and 2-inch.
BRIDES.....in 3 and 2-inch.
PERLES.....in 3, 2½ and 2-inch.
KAISERIN.....in 2½ and 2-inch.
LA FRANCE.....in 2½ and 2-inch.
GOLDEN GATE.....in 2½ and 2-inch.
BELLE SIEBRECHT..in 2½ and 2-inch.
WOOTTONS.....in 3, 2½ and 2-inch.
SMILAX.....in 2-inch.

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established.

23 Houses, 60,000 feet of glass.

Write **GEO. A. KUHL,**
PEKIN, ILL.

Send $1.00 for samples of what you want. That way you see what you get.
Satisfaction guaranteed.
Mention The Review when you write.

Young Beauty and Rose Plants

We offer the following stock subject to previous sale:
Plants are first class in every respect.

		Per 100	Per 1000
3000	Am. Beauties, 2-inch pots,	$6.00	$50.00
4000	Meteors, "	3.00	25.00
3000	Bridesmaids, "	3.00	25.00
4000	Brides, "	3.00	25.00

All orders will be shipped from Hinsdale, Ill.

BASSETT & WASHBURN,
Store, 76 and 78 Wabash Ave., CHICAGO, ILL. Greenhouses, Hinsdale, Ill.
Mention The Review when you write.

50,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect.
Only selected growth from flowering shoots used in propagating.

WOOTTON LA FRANCE AMERICAN BEAUTY PRESIDENT CARNOT
3-inch pots, $8.00 per 100; 4 inch pots, $12.00 per 100.

METEOR, BRIDESMAID, GONTIER, SUNSET, BON SILENE, MERMET, PERLE, KAISERIN, BELLE SIEBRECHT, MME. HOSTE, NIPHETOS, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.
Mention The Review when you write.

ROSES,
'MUMS,

GOLDEN GATES, thrifty stock, from 2½-inch pots, **$4.00** per 100; **$35.00** per 1000.
BRIDESMAIDS, $3.00 per 100; **$25.00** per 1000.

From 2½-inch pots. **Mrs. Henry Robinson, Mrs. O. P. Bassett, Ivory, Frank Hardy, Major Bonnaffon, $2.50** per 100.
Willowbrook, best early White, **$4.00** per 100.

PHŒNIX CANARIENSIS, from 5 and 6-inch pots, **$3.00** per doz.; **$20.00** per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.
Mention The Review when you write.

NEW SEEDLING ROSE
WINNIE DAVIS.

This grand rose should be grown by every florist as a pot plant, or for forcing, being a cross between Kaiserin Aug. Victoria and Belle Siebrecht. Color, apricot pink, shading to a flesh tint; odor of a most delicious ripe fruit. Shape being oblong and well formed, when fully open resembling a sunburst, which is most striking and beautiful. A very free and vigorous grower and bloomer. Color never changes in dark weather like most colored roses. Magnificent light green glossy foliage. Strong thrifty plants, 2½-in. pots, **$5.00** per doz.; **$35.00** per 100.

Address NANZ & NEUNER,
582 Fourth Ave., LOUISVILLE, KY.
Mention The Review when you write.

ROSE PLANTS.

METEOR, 3½-inch pots, **$5.00** per 100; **$40.00** per 1000.

Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.

BRANT & NOE, Forest Glen, Chicago, Ill.
Mention The Review when you write.

Rose Plants

Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES,
3-inch, $4.00 per 100; $35.00 per 1000.
2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,
3309 N. Western Ave., CHICAGO, ILL.
Mention The Review when you write.

FORCING ROSES.

	2½-inch.	3½-inch.
Brides	$2.75 per 100	$4.00 per 100
Bridesmaids	2.75 "	4.00 "
Perles	3.00 "	4.50 "
Sunsets	3.00 "	4.50 "

All other varieties. Send for lists.

NATIONAL PLANT CO., Dayton, Ohio.

Always mention the Florists' Review when writing advertisers.

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3 00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	8.00
Golden Wedding	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

Chrysanthemums

FOR ALL PURPOSES.

NOVELTIES AND STANDARD VARIETIES....

Send us a list of your wants for LOWEST CASH PRICES.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

CHRYSANTHEMUMS!!

Cullingsfordii	Mrs. Jerome Jones
Glory of Pacific	Mrs. S. T. Murdock
Minerva	Mme. F. Bergmann
Ivory	Rose Owen
Mrs. J. G. Whilldin	The Queen

And other varieties from 2½-in. pots, $2.00 per 100.

Aster Semple and Victoria Plants, from seed bed, 25 cents per 100, $2.00 per 1000.

CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

INCREASE YOUR SALES

CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

W. E. HALL, Clyde, O.

E. G. HILL & CO., - - Richmond, Ind.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

NEW CARNATIONS. ....NOW READY.

G. H. CRANE, The Best Scarlet Carnation Ever Introduced. Price, $6 00 per 100; $50.00 per 1000.

GENERAL MACEO, The Best Crimson Carnation. $6.00 per 100; $50.00 per 1000.

GENERAL GOMEZ, 15,000 Cuttings Ready. $5.00 per 100; $40.00 per 1000.

MRS. JAMES DEAN, $3.00 per 100; $25.00 per 1000.

GERANIUMS

NOW READY.
From 2½-inch Pots.

Mme. Barney, Countess de Castris, Mme. Jaulin, $3.50 per 100. Alphonse Riccard, $4.50 per 100. Mars, $3.00 per 100. Surprise, Marquese de Montmort, $4.00 per 100. John Doyle, $6.00 per 100. Double H. Jacoby, $10.00 per 100.

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Abutilon, var. trailing, 2¼-in., $4.00 per 100; R. C., $1.50 per 100.
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Abutilon Souv. de Bonn, 3-in., $4.00 per 100.
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Blue and white, 2-in., $2.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

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Red and yellow alternanthera, $2.00 per 100; $15.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Alternantheras, red and yellow, 2-in., $1.50 per 100.
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2-in. pots, P. Major, $1.75 per 100; A. Nana, $1.50 per 100 cash.
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Alternanthera, 2¼-in., $2.50 per 100; $20.00 per 1000. Greene & Underhill, Watertown, N. Y.

ALYSSUM.

Alyssum, Dbl. Giant, $1.00; var., $1.25 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, 2-in., $1.50 per 100.
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ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
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Sprengeri, 2½-in., $3.50 per 100; $30.00 per 1000. John A. Doyle Co., Springfield, O.

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Asparagus plumosus nanus clumps, $15.00 per 100. Groves Bros., Carthage, Ohio.

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4-inch Rose Geraniums, large plants, 5c. 4-inch Heliotropes, large plants, 5c. 2½-inch yellow and mixed Coleus, 2½c. 2½-inch Alternanthera Aurea Nana, Rosea Nana and Paronychioides Major, 2½c. 2½-inch Blue Lobelia and Achyranthes Lindeni and Blue Ageratum, 2½c. 2½-inch Verbenas and Centaurea Gymnocarpa, 2½c. E. Power, Frankfort, Ky.

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2,000 Geraniums, $6.00 per 100, 4-in., Grants, Poitevines and Nutts; 1000 3-in, $5.00 per 100. 1500 Coleus, 2½-in., assorted, $3.00. 200 Fuchsias, 3 and 3½-in., $4.00. 200 Vincas, 5 in., 4 in., and 3-in., 15c to 6c. Lot extra fine Dracaena indivisa, 3 and 3½-ft., also lot 4-in., from 75c to $1.00 each. 500 Cannas, C. Henderson, Florence Vaughan, and others, 3½ and 4-in, $5.00; all out of pots. Theodore Searles, Florist, Port Chester, N. Y., P. O. Box 303.

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	Each.	Doz.
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Double Petunias, 4-inch pots, $6.00 to $8.00 per 100; 3-inch pots, $3.00 to $4.00 per 100; 2-inch pots, $2.50 per 100. Cash. Wm. Stuppe, Hollis, N. Y.

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Gilt edged stock, grown from select wood and will satisfy the most critical buyer.

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Bride	6.00	50.00
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This stock is now in extra fine growing condition, ready for immediate planting. Terms, cash with order or satisfactory reference.
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20,000 Roses for sale. American Beauties, 3½-in., $8.50 per 100; $75.00 per 1000; 3-in., $7.00 per 100; $65.00 per 1000. Kaiserin, Golden Gate, 3½-in., $5.00 per 100; $45.00 per 1000; 3-in., $3.50 per 100; $30.00 per 1000. Perles, 3½-in., $4.50 per 100; $40.00 per 1000. 3-in., $3.50 per 100; $30.00 per 1000. Brides, Maids, Meteors, Garretts and a few Mermets, 3½-in., $4.50 per 100; $40.00 per 1000. These are all fine plants. Send for sample. Cash with order. Mrs. J. W. Crouch, Chattanooga, Tenn.

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4000 Brides, 2-in.	3.00	25.00

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Wood Bros., Fishkill, N. Y.

ROSE PLANTS	Per 100.	Per 1000.
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Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
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Roses ready for immediate planting. Only selected growth from flowering shoots used in propagating. Wootton, La France, American Beauty and Carnot, 3-in., $8.00, 4-in., $12.00 per 100. Meteor, Bridesmaid, Gontier, Sunset, Bon Silene, Mermet, Perle, Kaiserin, Siebrecht, Mme. Hoste, Niphetos and Bride, 3-in., $7.00, 4-in., $10.00 per 100.
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Grown for our own planting and we guarantee them to be strictly A No. 1 in every particular. We have a surplus of 2000 Bridesmaids, 300 Meteors, 250 Perles, 150 Kaiserins, all in 3-in., at $3.50 per 100; also 500 Beauties, 3-in., at $4.50 per 100.
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Philadelphia roses. Kaiserin, strictly first-class stock out of 2½-in. pots. Brides and Maids, 3-inch. Also extra strong plants of American Beauty, 3 and 4-inch pots. Myers & Samtman, Chestnut Hill, Philadelphia, Pa.

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Bridesmaids and Brides, 3-in., $4.00 per 100; $35.00 per 1000. Meteors, 2½-in., $2.50 per 100. Stock in excellent shape for benching immediately. Cash or C. O. D. Poehlmann Bros., Morton Grove, Cook Co., Ill.

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Brides, Maids, Meteors and Perles, 2½-in., $3.00 per 100. Kaiserin and Golden Gate, 2½-in., $4.00. Guaranteed satisfactory in every respect.
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Forcing roses. Per 100. Brides and Bridesmaids, 2½-in., $2.75; 3½-in., $4.00; Perles and Sunsets, 2½-in., $3.00; 3½-in., $4.50. All other varieties. Send for lists.
National Plant Co., Dayton, Ohio.

Rose plants, in 3-in. pots, nice and strong. Bridesmaid, Bride and Kaiserin, $4.00 per 100; $35.00 per 1000. Mercer Floral Co., Carl E. Taube, Proprietor, Trenton, N. J.

Am. Beauties, 3-inch, $6.00 per 100. Pres. Carnot, 3-inch, $6.00 per 100. Souv. de Wootton, 4-inch, $7.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Golden Gates. Thrifty stock from 2½-in., $4.00 per 100; $35.00 per 1000. Bridesmaids, $3.00 per 100; $25.00 per 1000. W. B. Sands, Lake Roland, Baltimore, Md.

2000 first class Brides and Maids in 3-inch pots at $4.00 per 100; $35.00 per 1000. Grown for our own planting.
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Bride, Bridesmaid, C. Soupert, Etoile de Lyon, Meteor, La France, $2.00 per 100; $20.00 per 1000. Cash.
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First-class stock, per 100: Beauties 2½-in., $5.00; 3-in., $7.00. Brides and Maids, 3-in., $4.00. Allen & Ockerlund, 116 Winona av., Chicago.

Kaiserin, "grafted," 3-in.; Beauty, "own roots," 3-in. All fine, clean stock. Send for prices. Robert Simpson, Clifton, N. J.

Brides and Maids, 2½-in., ready for a shift, $3.00 per 100; $25.00 per 1000. Cash.
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Brides, Bridesmaids, Perles, Meteors, 2½-in., $2.50; 3-in., $3.50 per 100.
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A few thousand 2-inch Bridesmaids in splendid condition.
Stephen Mortensen, Southampton, Pa.

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Roses in 3-in. pots ready to plant, $4.00 per 100; $35.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

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Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

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Bridesmaid, 3-in., $5 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Gen. Jacqueminot, 5-in. pots, $15.00 per 100.
Groves Bros., Carthage, Ohio.

Perles, 2½-in., $3.00 per 100.
J. M. Smely, Aurora, Ill.

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Salvia, 2¼-in., $2.50; 3½-in., $4.00; R. C., $1.25 per 100. Greene & Underhill, Watertown, N. Y.

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Smilax from flats, 45c per 100; 2½-in. pots, $1.25 per 100.
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Smilax from pots, $1.50 per 100; $15.00 per 1000. A. M. Herr, Lancaster, Pa.

300 smilax from 3-in. pots, $2.00 per 100.
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Smilax from 2-in. pots, $1.25 per 100.
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50,000 cabbage plants, ready to plant, Winningstadt, All Head Early, Charleston, Flat Dutch, Danish Ball Head, Surehead, Drumhead, etc., $1.00 per 1000 by express. Stone tomato plants, $1.00 per 1000. W. D. Chase & Son, New London, Ohio.

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Mammoth verbenas, 2-in., $1.50 per 100.
Geo. L. Miller, Newark, Ohio.

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Vinca, 2¼-in., $3.00; 3½-in., $8.00; 4-in., $10.00; 5-in., $15.00 per 100; R. C. var., $1.25 per 100; $10.00 per 1000.
Greene & Underhill, Watertown, N. Y.

Variegated, 3-in., and flowering, pink and white, $2.50 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Vinca var., per 100: 2½-in., $2.50; 4-in., $6.00; 6-in., $15.00. Cash.
Geo. Bischoff, Ann Arbor, Mich.

Vinca Var., 2-in., $3.00 per 100; 3-in., $5.00 per 100. Cash.
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Vinca var. from 3½-in., $10.00, 5-in., $15.00 per 100. Carl J. Dane, West Medford, Mass.

200 periwinkles, 2-in., $2.00 per 100.
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Orders booked now for Marie Louise violet cuttings. 20,000 clean, healthy, sand rooted cuttings ready June 20, $15.00 per 1000. Also clumps of Marie Louise, clean and full of well rooted runners, $4.00 per 100. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

I have about 3000 Marie Louise, sand struck, well rooted cuttings to sell, clean, healthy stock, free from all disease and insects; they are worth $20.00 per 1000. Cash.
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Marie Louise, plants out of 2½-in. pots, clean, healthy stock, $3.00 per 100; $25.00 per 1000. Cash with order. James Crawshaw, 403 Plainfield Street, Olneyville, R. I.

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Marie Louise violets. Clean plants. Clumps, $10.00 per 100, or divided rooted plants from clumps, $1.00 per 100; $7.00 per 1000. Cash with order.
F. G. Mense, Glen Cove, L. I., N. Y.

Ready for delivery on and after June 20th, Marie Louise violet plants, $20.00 per 1000. Clean, healthy stock.
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Campbell violets, 2½-in., $2.50 per 100. Field-grown clumps, $3.00 per 100, delivered in Sept. and Oct. E. J. Cloud, L. B. 32, Avondale, Pa.

Rooted runners of Princess of Wales and California, 60c per 100. Double Russian, $1.00 per 100. E. A. Wallis, Jenkintown, Pa.

Marie Louise, fine, strong, healthy plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
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For Marie Louise violet stock write to Mrs. M. J. Moore, Highland, Ulster Co., N. Y.

Princess of Wales, fine plants, $1.50 per 100.
Dwight M. Wells, Benton Harbor, Mich.

Campbell, rooted runners, 50c per 100. Cash.
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The following, per 100: Anthemis, Dbl. Golden Marguerite, 2¼-in. pots, $3.00; Alternanthera, red and yellow, 2¼-in. pots, $3.00; Ageratum, blue and white, 2¼-in. pots, $3.00; Ageratum, Princess Pauline, 2¼-in. pots, $4.00; Cuphea, Platycentra, 2¼-in. pots, $3.00; Carnations, in bud and bloom, 4-in. pots, $12.00; Fuchsias, double and single, 2¼-in. pots, $3.00; Fuchsias, double and single, 3½-in. pots, $8.00; Geraniums, double and single, 3½-in. pots, $7.00; Geraniums, double and single, 3-in. pots, $5.00; Heliotrope, light and dark, 3½-in. pots, $5.00; Heliotrope, light and dark, 2¼-in. pots, $3.00; Ivy, German, 2¼-in. pots, $3.00; Moon Flower, white, 2¼-in. pots, $4.00; Petunia, single, 2¼-in. pots, $3.00; Pansies, transplanted, $2.50; Salvias, Splendens and Bedman, 2¼-in. pots, $3.00; Salvias, Splendens and Bedman, 3½-in. pots, $5.00; Violets, M. Louise, $25.00 per 1000; 2¼-in. pots, $3.00; Feverfew, dwarf, from 2¼-in. pots, $4.00; Impatiens Sultani, from 2½-in. pots, $4.00; Impatiens Sultani, from 3-in. pots, $6.00; Pelargoniums, from 2½-in. pots, $6.00. Wood Bros., Fishkill, N. Y.

Centaurea gymnocarpa, Maurandya Vine, Nasturtium, trailing, 2¼-in., $2.00 per 100. Manettia bicolor, 2¼-in., $3.00; R. C., $1.50. Pyrethrum, Golden Feather, 2¼-in., $2.00. Little Gem, 3½-in., $4.00; R. C., $1.50. Pelargoniums, mixed, R. C., $3.00 per 100. Impatiens Sultani, Stevia, var., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Polystichum prolifercum (lace fern). 3-in., $7.00 per 100; mailing size, $2.50. English ivy and Dracaena indivisa. 2½-in., $3.50 per 100. Ampelopsis variegata, $1.00 per doz. A. & G. Rosbach, Pemberton, N. J.

Per 100: Solanum capsicastrum, 2-inch, $1.50; Carex var., fine, 2-in., $3: Aspidistra, $4.50 per 100 leaves. A. G. Fehr, Belleville, Ill.

Clerodendron fragrans, $1.00 per 100. If by mail add 25c for postage.
Dickerson & Belden, Miami, Fla.

Sanseviera zeylanica, 5c.
H. Steinmetz, Raleigh, N. C.

3,000 iresines, two colors, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

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500 Wichuraiana memorial rose, fine plants in 3s. Will exchange all or part for palms, Pandanus utilis or Veitchii, araucaria excelsa, or tea roses. Send in your offer.
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Geraniums, Coleus, Heliotrope, Verbenas, Centaureas, for Roses and 'Mums. What have you to offer?
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CANE STAKES.

Cane stakes, 3 to 4 ft. long, $1.75; 4 to 5 ft., $2.00; 5 to 6 ft., $2.75; 6 to 8 ft., $4.00 per 1000, F. O. B. here. C. S. Tait, Brunswick, Ga.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

Edwards & Docker, manufacturers, 16-18 N. 5th st., Philadelphia, Pa.

The Dayton Paper Novelty Co., Dayton, O.

C. C. Pollworth & Co., Milwaukee, Wis.

H. Schultz & Co., 117-123 Market st., Chicago.

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New crop fancy and dagger ferns ready for shipment. We guarantee to furnish strictly first-class stock. Write for special prices to the trade on ferns, sphagnum moss, Laurel, etc. For 50c I will send as sample 1000 assorted ferns, also sample of moss, etc. Address all letters and orders to H. J. Smith, Hinsdale, Mass.

New crop ferns, 50 cents per 1000. Send in your orders now. Laurel and pine festooning for wreaths. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Red Towers Brand Bone Meal for florists. 100 lb. bag, $1.75; ¼ ton, $7.50; ½ ton, $14.50; 1 ton, $28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Sheep manure in car lots, pulverized, $8.00 per ton; natural, $4.00 per ton. In sacks or barrels by the ton. Pulverized, $12.00; natural, $8.00, f. o. b.
E. C. Newbury, Mitchell, So. Dak.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton. Albert M. Herr, Lancaster, Pa.

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Chenille. Red, white, blue, purple, pink. Coil of 12 yards, large size, 20 cts. a coil; small size, 15 cts. a coil.
Ribbons. Good florists' ribbons, satin gros grain, all colors, per bolt: No. 9, 85 cts.; No. 12, $1.00; No. 16, $1.25; No. 22, $1.40.
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Sigmund Geller, importer, jobber and manufacturer of Florists' Supplies. Telephone, 1747 A, Madison Square. 108 West 28th St., near 6th Avenue, New York City.

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Glass for Greenhouses, Graperies, Conservatories and Hot-Beds. French and American Glass. Van Horne, Griffen & Co., 40 to 48 Vestry St., New York.

The Lawritzen putty for greenhouses is a good thing; it's just what every florist needs. For particulars address C. Lawritzen, Florist, Rhinebeck, N. Y.

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White Enamel Refrigerator Co., St. Paul, Minn.

Orr & Lockett Co., 50 State st., Chicago.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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TOBACCO DUST, the black stuff, 2 cts. per lb.; 50 to 1000 lbs.
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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
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Iron Pipe and Fittings for florists.
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POTS.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red standard pots. Prices on request. Keller Bros., 213-223 Pearl st., Norristown, Pa.

Standard pots, fern pans, etc., Pittsburg Clay Mfg. Co., New Brighton, Pa.

Pots, hanging baskets, etc. A. Hupprich, 772-780 Michigan av., Detroit, Mich.

Flower pots. Missouri Pottery & Mfg. Co., 1216 W. 8th St., Kansas City, Mo.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

Standard pots, lawn and hanging vases.
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The Kinney Pump. For applying liquid manure it has no equal. Sent prepaid for $2.50. Without spraying valve, $2.00. Address The Hose Connection Co., Kingston, R. I.

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When in want of Raffia, write to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
Z. K. Jewett & Co., Sparta, Wis.

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Tendrils for wire supports to roses and carnations. Hold plants firmly but with freedom. Write to H. Thaden & Co., 23 So. Broad st., Atlanta, Ga.

Wire rose stakes. H. F. Littlefield, Worcester, Mass.

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C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York. Manufacturers of Wire Designs.

Philadelphia Florists' Wire Design Co., 807 N. 4th st., Philadelphia, Pa.

Emil Steffens, 335 E. 21st St., New York.

E. H. Hunt, 76-78 Wabash av., Chicago.

C. C. Pollworth Co., Milwaukee, Wis.

BALTIMORE.

Trade and Personal Notes.

The market shows unmistakable symptoms of flagging, but there is still considerable business doing, and for the week closing at this writing, June 17, the aggregate was up to, and probably above, the average of other years. This in the face of a great influx of flowers, which necessarily reduces prices.

Roses grow poorer and poorer in quality, and really first-class stock is in demand and will sell at any time. Carnations are better than usual and fair qualities go off well. Sweet peas are not in excessive supply, whilst hardy stuff, lilies, flowering shrubs, etc., go far beyond the market's capacity of absorption.

We have had a magnificent rainfall of thirty-six hours, coming down in earnest but gentle showers that penetrated the thirsty earth, which had been parching since April. For outside crops, carnations, asters, sweet peas, etc., it was salvation from an impending and not remote destruction.

In the well written, practical and profitable contribution of your correspondent, Ivera, in the June 7th Review, reference to the fact that, in New York, Broadway does not boast the finest florists' stores, suggests the statement that here, on Baltimore street, which is our local Broadway, there is for nearly two miles only one florist's establishment.

At about the corner of Baltimore and Charles streets, which is at once the real center of life and activity, as it is the official hub of the city (for all streets number from their intersection), one of our enterprising firms has a store, but you may go west for a mile before encountering another; and, so far as your correspondent is aware, you may go east till you strike the Atlantic ocean without coming up with the second florist's establishment. Charles street seems to be the favorite thoroughfare for the trade, and numerous stores are found both on its north and south divisions.

It would seem to take some courage to open a store at this season, with midsummer dullness impending, but last week Mrs. Daugherty started a new enterprise at 2018 Orleans street. This is in the far eastern section, not remote from the Johns Hopkins Hospital, which is one of the great institutions of our city. She will have a field comparatively free from competition.

Mr. Benjamin Durfee, of the American Rose Company of Washington, during a recent visit to this city said he had no reason to change his views of the merits of the Golden Gate rose. It is growing in popular favor wherever its proper management is understood, and with any fair treatment it makes a very satisfactory and profitable summer rose. One thing must always be kept in mind: that it should remain longer on the plant than any other variety before cutting. The delicate tints and great size of the flowers, fine long, stiff stems, and its delicious perfume, make this rose a favorite wherever it is introduced. Of its white sport, Ivory, which has not yet gone into commerce, Mr. Durfee will this year have three large houses, and the further he tests it the more he feels assured that he has a prize amongst white roses.

Mr. Theodore Eckhardt, who some years ago built a large range of greenhouses at Ruxton, a few miles from this city, and who latterly has been in several European countries, was in this city last week.

Several of our curbstone flower dealers went over today to Philadelphia to lend their assistance to decorate the throngs assembled at the Republican national convention. RIX.

TARRYTOWN, N. Y.

June Meeting of the Horticultural Society.

The Tarrytown Horticultural Society held its first June show in the Vanderbilt building on the evening of June 14, and it was an up-to-date exhibition. Pot plants, flowers, fruits and vegetables were staged in very artistic form. The quality of the exhibits was excellent and the display of strawberries was very fine. The awards were as follows:

Strawberries, distinct varieties, three quarts, first to Wm. Turner, gardener to Wm. Rockefeller; second to A. Taaffe, gardener to F. O. Mathieson. Distinct varieties, two quarts, first to Wm. Scott; gardener to Jos. Eastman. Any variety, one quart, first to Wm. Scott; second to A. Taaffe.

Roses, best collection, first to Wm. Scott. Six varieties, six of each, first to Howard Nichols, gardener to Mrs. J. Trevor, Yonkers. Best vase ofroses, first to Howard Nichols.

Six varieties herbaceous flowers, first to Wm. Turner.

Special exhibits that were awarded certificates of merit were:

Vase of seedling carnations by Wm. Turner; six spikes of Dendrobium moschatum by Thomas Cockburn, gardener to Louis Stern; two bunches of Black Hamburg grapes by Robert Angus, gardener to Major R. E. Hopkins; two Rollison's Telegraph cucumbers, the same; collection of vegetables by Louis A. Martin, gardener to C. C. Worthington; bunch of Colossal asparagus, the same; four heads Thorburn's Maximum lettuce by T. Cockburn; two plants of Asparagus Sprengeri, the same, and two plants of Maranta zebrina by T. Cockburn and twelve blooms of Phyllocactus latifrons, by R. Angus, were given honorable mention.

Francis Gibson, gardener to Mrs. John Hall, showed a grand lot of herbaceous flowers, and John Boshard added materially to the exhibition with a fine lot of vegetables.

R. ANGUS.

KANSAS CITY, MO.

Mo. Valley Hort. Society.

The Missouri Valley Horticultural Society held its regular monthly meeting June 16 at the residence of Mr. S. J. Hare, superintendent of Forest Hill cemetery. Luncheon was served under the shade of the maples to about fifty members and their friends, after which an interesting paper was read by Mrs. C. V. Holsinger on "Flowers," and one by Mr. W. D. Cellar on "Fruits." Considerable enthusiasm was displayed in the discussion which followed, and a few baskets of extraordinarily fine fruit were on exhibition to help substantiate some declarations made. Among the exhibits were some Jackson county, Missouri, cherries and black raspberries as big as English walnuts, and some Texas peaches. The site for Forest Hill cemetery, which includes 300 acres, was selected ten years ago, and work was at once commenced on the three artificial lakes, now filled with aquatics, and the planting of trees and shrubbery, all of which show excellent care, and the one object this society had in holding its meeting there was to afford its members an opportunity of studying the horticultural features of this beautiful spot.

Notes.

One good heavy rain a week, with an occasional top dressing, together with other necessary atmospheric conditions, is hastening vegetation at a rapid rate. So far very little is heard of the ravages of the insects, and this is a season long to be remembered among all lovers of horticulture, as never before were the lawns as beautiful as at the present time. The catalpa tree, with its panicles of white blooms, reminds one of a large snowbank at a distance. Yucca filamentosa is throwing up spikes five feet high, and the profuse blooming of the Crimson Rambler rose is creating quite a sensation here. These climbers are trained up trunks of old trees.

up trellises and over the entrances to many fashionable houses, contesting with each other as to which can produce the most bloom. The nurserymen all say that orders are already coming in heavily for this rose for fall planting.

Business has fallen off some in the past week, yet most of the florists are making neat window displays of sweet peas, hollyhocks, gladiolus and other outside grown stock.

A visit to Samuel Murray's greenhouses found him and his full force of help making preparations for planting indoor stock. A fine lot of Asparagus Sprengeri, ferns and Lilium auratum plants are just coming in, and one pot of lilies numbered as high as forty buds and blooms to the plant.

Mr. Murray always did show great skill in plant culture, and says his business demands double the stock of two years ago. H. J. M.

THE BROOKLYN BARD.

J. Austin Shaw is in Chicago this week, representing Jackson & Perkins Co., Newark, N. Y., to whose interests he is now devoting his whole attention. His address until further notice will be the Great Northern Hotel, Chicago.

Mr. Shaw attended the nurserymen's convention last week and on Friday evening attended the meeting of the Florists' Club, where he posted the boys concerning the New York convention, and as usual drifted into rhyme, a few verses of which appear below:

It isn't any wonder that a traveler loves to come
And see the "Windy City" just as often as he can,
For you fellows all combine, I know, to make him feel "to hum,"
And if he don't appreciate you—well, he's not a man.

But I must not be personal, and I know you've not the time
To listen any longer to this bit of eastern rhyme.

So I'll just close with warm and cordial, loving invitation
To the whole of you to come in August down to gay New York,
The greatest city—barring this," you'll say, "in all the nation,"
And while you're there I'll promise you you'll never have to work.

We'll take you to old Coney's Isle, and also on the Bowery gay,
And let you climb the needle and meander down Broadway;
We'll show you buildings—dozens of 'em—that can "touch the sky,"
And ladies beautiful, although you may find some of them too shy.

We'll wine you and we'll dine you at this glorious convention,
And do a lot of other things to you I need'nt mention.
And to this "feast of reason" and this fount of restful fun,
I tell you, now you're welcome, and we want you, every one.

MILWAUKEE, WIS.

Mr. H. W. Koerner has returned from a trip to Paducah, Ky., where he was called to attend the funeral of his father.

GRAND RAPIDS, MICH.

The weather has been very favorable lately for carnation growing, both bedding out and inside planting, which is now under way. Retail trade has been the best ever known; shipping trade has also been first-class. We have been having warm days and cool nights, with an occasional shower to keep vegetation on the move. The quality of roses is deteriorating, there being but little first-class stock on the market, but plenty of medium to poor; the latter finds its way to the dump. Carnations are a glut and of none too good quality. Commencement exercises are using up large quantities of flowers, but the effect on the huge mass is not sufficient to clean it up. Although quality is poorer, prices are the same as my last quotations. In another week the resorts open, commencements will be over and the fraternity can take a rest, if they are not putting up too many new houses!

G. F. CRABB.

BUFFALO, N. Y.

The Pan-American.

It has been my first visit to the Pan-American grounds and what I beheld there I shall not attempt to describe in detail.

Suffice it to say that the grounds are assuming "shape and form," that an army of men, following the directions of the ingenious Great Scott, is transforming a waste into a fairyland. Landscape gardening, as will be demonstrated upon the Pan-American grounds, will in all likelihood attract as much attention as any other great achievement of the century coming to a close. And who will question the moral aspect of an art that has for its aim the improvement or the beautifying of rugged nature? Verily, a great moral lesson will be brought home to the thousands upon thousands who will visit the Pan-American Exposition.

What has attracted my especial attention is the fact of the perfect system introduced, thus making it possible to carry on this enormous work with clock-like regularity. No confusion of any sort. Mr. Scott seems to have succeeded at the start in impressing upon his men the importance of obeying orders. In this respect, and be it said to his credit, he has fully demonstrated that, besides possessing the qualifications required of a man holding so important a position, he is also an executive of a high order, a general who is bound to lead to victory. S.

OCEANIC, N. J.

A well attended meeting of the Monmouth County Horticultural Society was held June 16 at Red Men's Hall.

It was decided to hold a chrysanthemum show this fall and the exhibition committee will announce the date next meeting.

Prof. H. C. Walling, the new editor of the society's paper, Busy Body, entertained the members with his witty paper, for which he received a hearty vote of thanks. B.

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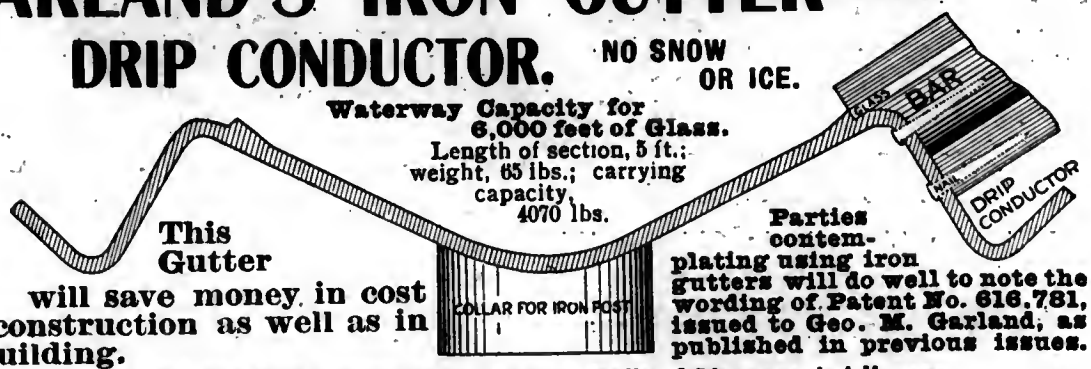
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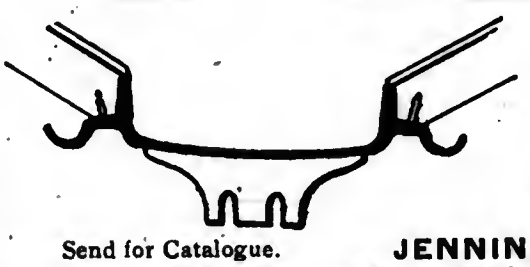
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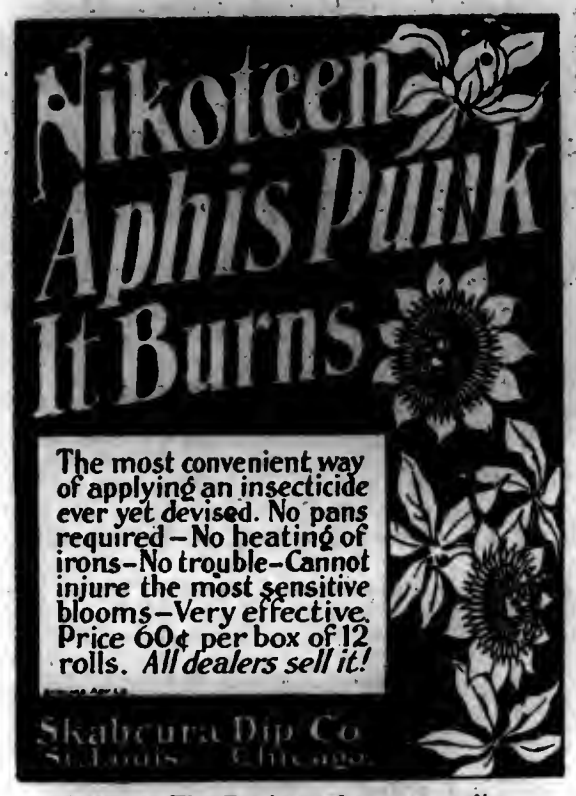
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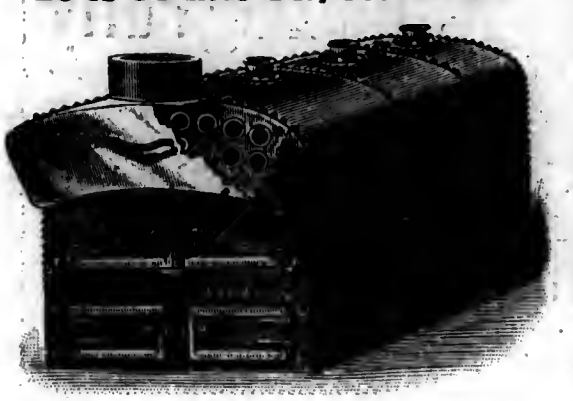
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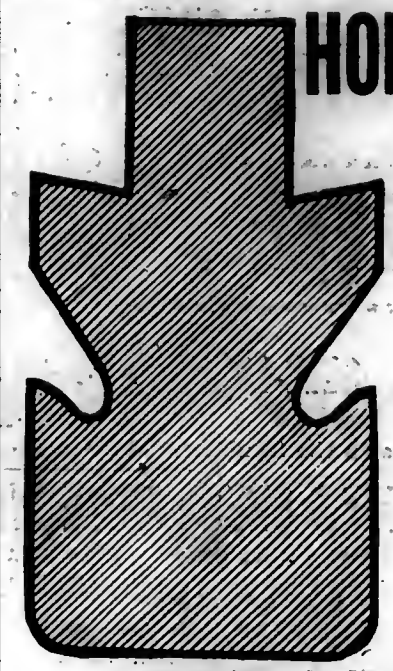
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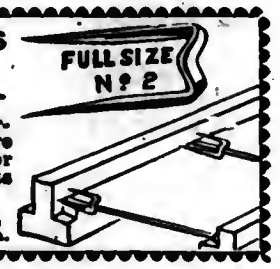
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"	3-inch...	5.00	45.00
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THE RETAIL FLORIST.....

Shower Bouquets.

A Cairo, Illinois, florist wants us to tell him how to make a "shower bouquet" of sweet peas. The flowers to be used in a shower bouquet, or for that matter in any form of hand bunch, should be the finest and freshest obtainable. Make sure there are none better on the market. Select the flowers with the longest stems and if possible a few tips of foliage with buds on; put them loosely in water for a few hours before using. The flowers should be kept cool and dry; don't sprinkle them for when wet they lose their fragrance or quickly decay.

We presume this particular bouquet is for a bride, in which case white will be the only color looked for; anyhow under every circumstance one color only is permissible in a hand bouquet. The idea of the shower bouquet is to create the impression of a loose arrangement with some of the flowers falling down; to call it a shower of flowers is a little too romantic. We have seldom seen this form of design properly done, though you will find each artist has a different idea of how it should be made up. Our idea of all hand bouquets is that they should be light and graceful, and in order to make them so the greatest care is necessary in the stemming as well as in the selection of the materials.

But let us start on our "shower bouquet." We select two or three dozen of the best flowers and put them aside for the ribbon work. We first stem up our greens for packing and fringe. The ferns we use have been steeped overhead in water for an hour or two. We prefer Asparagus tenuissimus for packing greens in this case because it is the lightest; Asparagus Sprengeri is the next best and smilax as a substitute for that. Asparagus plumosus is too dull and clumsy.

Cut your greens in from three to four inch lengths, but use a knife instead of shears. The greens should not be clipped off evenly; have the tops as irregular and natural as possible. You know the object of putting green among flowers in a bouquet is to keep them in place, and the greens should scarcely be seen, therefore we need only a short, strong wire; usually a twelve-inch length of No. 21 wire doubled back is sufficient for the greens. A finer wire, say No. 23, is better for adiantum. We prefer to use light green Adiantum Farleyense for the finishing fringe, but often it is impossible to procure it and in that case A. cuneatum or any of the fine-leaved adiantums will do. You will require two wires on the ferns because they have to extend a greater length and often have to support a flower or two; but be careful to have your ferns wired so they face one way; two of the fronds are usually wired together and the length of the fronds can be from four to six inches.

Now we start on the flowers. If we are compelled to use some poor blooms we stem them short; for the average flowers we put three or four sprays together, not so they are even at the top, but loose and irregular; wire them close to the bottom in order that they will stay so. One wire is sufficient for the majority of this work if the flower stems are long. A few dozen will need double wires in order to make them stand up prominently.

Stemming.

A great deal depends on the stemming for a bouquet. Very few artists will permit anyone else to prepare materials for them; the whole of the stock must be carefully attended to; an extra wire may be wanted on a flower or piece of green, but nothing must be bunchy or clumsy. There is no set rule on wiring. The average florist uses too much wire and in consequence their bouquets are either too stiff or heavy.

Flower stems or green cannot be allowed in the handle of such a bouquet as we are discussing; it is absolutely necessary to wire everything because the handle should be very thin, never above one or one and a quarter inches in diameter, even for a large sized bouquet.

Before starting to "make up" we have everything neatly arranged on damp wax or tissue paper before us on the counter, the short and poor stuff separated from the finer. Green silkaline cord is best to use for tying, but we've often had trouble with highly glazed thread; it slips off the wire. A rough Irish flax thread is often preferable, but be sure it is thin and very strong. Put the spool in a vase or pocket beneath you where it will unwind freely.

We start a bouquet by first a piece of green; place on each side of it two sprays of the finest flowers, twist the cord very tightly around them and continue on, putting on an average of three pieces of green to every six clusters of flowers. You will require less green in the center of the bouquet than half way down or the finishing. This point be careful to cover. A bouquet of sweet peas should be light and graceful; by carefully wiring the flowers you will be able to hide the green without making the flowers look stiff or too massive. Have some flowers lower than others and yet retain the outer shape of the bouquet; it requires some ability to do this, but care in the start will help the novice.

The Ideal Bouquet.

The ideal bouquet should be a half globe in shape; not a formally-every-flower-face-to-face compact affair, but a light and airy arrangement with the top flowers forming the even contour. One or two delicate tips of their own foliage and a bud or two will be the best and sufficient greens to be seen beside that of the fringe.

The size of the bouquet depends much on the size and strength of the girl who is to carry it. The average one is about 10 to 12 inches in diameter and from 6½ to 7½ inches in height, the handle 4½ inches long by 1 1-4 inches thickness, and tapering to a point. The fringe of adiantum should not be too prominent, neither dense nor too far out; it should be used as a mere finishing margin, the fronds extending no further than an inch or two beyond the flowers. We try to avoid all formality in everything we can and use a few flowers between and beneath the fringe; this is almost necessary in a shower bouquet, for it would be ridiculous to make it appear as if flowers were falling from a stiff set bunch.

Ribbons.

The ribboning of this bouquet may puzzle you the most, but it is an easy matter for clean and supple fingers. There are several sizes of ribbon used and many ways of attaching it. We would like to remind you of the fact that though a bride may greatly admire your bouquet, she usually admires or seeks admiration for her dress, and therefore it is not right to hide it with a dense screen of cheap ribbon. Many put all their ribbons in front; we prefer to have them all around, having them longer in the front. A bolt of ribbon consists of ten yards, from one to two bolts of No. 1 or No. 1½ ribbon (some use broader; we prefer the narrow size with corded edge), we attach a wire to the end of the ribbon and pass it through the bouquet at different heights, making the loops much longer in front than elsewhere. In order to do this properly we put the bouquet in a tall, narrow necked vase, and when we pass the ribbon through the bunch we must be careful to have almost all the loops a different length.

We get the selected blooms that we have put aside for the ribbon work, break the stems off, use nothing but the flower, here a single spray, next a double spray reversed facing each other. These flowers should be

caught or tied in two and three small looped bow knots—not pinned on the ribbon, as many do it. You must cut some of the loops. It is very easy to make small bow knots and have the blooms caught in them; if you cannot do this trick fix the bows and tie your flowers on with fine white silk or linen thread.

Any man or woman in the flower business should master the art of bow making. When you are tying flowers on the ribbons of a shower bouquet they should be thicker near the bunch; try to create the effect that the flowers are dropping from the bouquet and are being caught by the ribbon loops. Very little if any greens are allowable, perhaps a small tip of their own foliage is best. Greens make the ribbons appear heavy, which is opposite to what is wanted. The ribbon hanging in front of a shower bouquet should not be longer than 24 or 26 inches and few of them ever that; they should not be all hanging straight down like so many strings, but have a few caught up like a garland loop. Don't have any apparent studied, measured distances between the flowers on the ribbon, and don't confine them to the front of the bouquet.

Tinfoil the handle and then entwine it with white ribbon, tying at the top and bottom short cluster bows of the same sized ribbon used in the loops. If you use good judgment in the amount of ribbon, the arranging of flowers, the general neatness and finish of such a bouquet, you will be able to get up something very pretty with many new points. We have described in detail not because we considered it necessary in this particular case, but there are many beginners, and old hands, too, who require such information.

Your Customer.

Shower bouquets are no longer fashionable, but it is often necessary to accede to demands or suggestions, and many customers either suspect your ability to make up certain work or that you are unable to procure the proper material if you tell them such is not stylish. It is generally safest to bend and add value to the suggestions of your customer, no matter if they are crazy; the average human is vain and thanks no one, especially the tradesman, for disputing the value of his ideas. It is only where you are asked for opinions as to what is right or wrong where you should try to be equal to the requirements and advocate that which will elevate the business and add to your reputation and treasury.

We forgot to refer to many other ways of making so-called shower bouquets. Some use vines instead of ribbons; they are more in the order of spray bunches. If very delicate vines can be procured it is possible to make up fine work, but they are usually too heavy, and in the case of sweet peas we prefer the plain round bouquet with cluster of narrow ribbon, or next to that, one made as described above.

Cheap Funeral Work.

If any of you have much of a trade in cheap funeral work or are fortunate enough to get in a large order where almost anything goes, we want to inform you that the common white alder flowers, which abound in the greater part of the country, are fine, and the cheapest material to use for ground work or even festooning. Very few persons will be able to recognize it when in conjunction with other flowers. We have used it often and to great advantage.

Stimulating Business.

You should try to induce all first-class restaurateurs or hotel proprietors to have a few vases of flowers where their patrons could most enjoy them. When carnations or roses are overplentiful it might be well to suggest to many that you will offer special inducements for them to put a flower on each guest's plate, if not a few flowers in the center of each table. A vase of flowers is put in the center of each dining table at the Waldorf-Astoria and many other places in New York, and there is no measuring the amount of pleasure and good the custom brings forth.

You will find even the poorest strives to be in style, and there is no doubt that many dining rooms would be made more beautiful if the florist would offer a reasonable proposition and argue that it was the proper thing. A vast amount of cheap flowers could be properly dispensed with, and even if the returns were small there might be many a good sale of plants made, and then again the general public being accustomed to thus seeing the flowers may continue the good work in their own homes.

Another thing to keep in mind is that in every large city there is, especially in summer time, quite a few people living in hotels who like to have a vase of flowers in their room. Every retailer should have a few cheap glass vases suitable for this part of the trade. Often it is wise to have such a vase or two arranged on the counter or in some part of the store; the customer is liable to take a fancy to anything that's pretty; the dread of exorbitant prices kills many a good desire.

The wholesale pottery stores are filled with many pretty and cheap glass vases which could be given with flowers instead of fancy boxes and ribbons, and the result would be more beneficial; for an empty vase is an open mouth asking for flowers.

IVERA.

AZALEAS.

"L. C. L." asks: "Please state whether azaleas should be cut back any, and should they be kept growing?"

Repeatedly are there some cultural directions regarding azaleas in your columns, but L. C. L. has evidently missed them. The azalea is an important plant and its summer treatment varies according to the condition it is in.

If it is a plant that has borne an immense crop of flowers and has made but a feeble growth, then as soon as flowers were gone it should have been cut back—that is, cut back, leaving only a small portion of last summer's growth. This should have been done as soon as the flowers were dropped, and after two months' growth inside they should be plunged out in frames in the broad sun and given plenty of water and syringing. No such thing as resting ever occurs with azaleas, except, perhaps, in the dead of winter, when, if kept very cool, their growth is nearly arrested, but spring and summer is their growing time.

Another condition of the plant would be those that promised but few flowers but made a good growth early in the spring. With those little pruning or trimming is needed, and all that would be necessary is just shortening of the strongest growths of this spring. In other respects treat them as you do those first mentioned. Keep the plunging material well up to the rim of the pot and never let them suffer for want of water, and early in July give them a mulch of decayed cow manure, to which add a fourth of sheep manure.

This spring we had plants of several varieties that were cut back hard in the spring of 1899 and they were better flowered than any newly imported plants.

Many growers now import in the spring, grow the plants over summer, and sell the following spring, and this is undoubtedly the most satisfactory way, especially for the purchaser.

Full instructions for the care of azaleas appeared in the Review during April and all this advice is unfortunately two months behind the date, but that we can't help. WM. SCOTT.

CALYCANTHUS FLOWERS.

Why is it that the flowers of some plants of calycanthus are not fragrant, while others are? I have sold quite a number of plants that I obtained in the nurseries and many patrons complain that the flowers of their plants are not sweet scented. I would like to know the cause. The wood has a spicy taste and smells sweet. J. H.

Whether the flowers are sweet scented or not depends altogether on the species. Those of C. floridus are always sweet, though it must not be forgotten that the flowers of this and other species have more odor when



An American Bulb Field.

about two-thirds developed than at any other stage.

The reason why there are so many complaints nowadays of the calycanthus is because perhaps not one plant in a thousand is the true C. floridus. This species rarely or never seeds. If I have ever seen seeds on it, I have forgotten. Propagation of it is mainly by offsets and not one nursery in a hundred could supply many plants of it.

Some years ago a dealer in tree seeds living in the region where Calycanthus laevigatus grows wild gathered and sold the seed as C. floridus, and still does, the mistake being quite unintentional, I am satisfied. The seeds were bought in good faith by most all the nurserymen in the country and plants from them scattered far and wide, the nurserymen glad to be able to offer plants of what they believed to be C. floridus and their patrons glad to purchase them. Your correspondent has C. laevigatus, without much doubt.

The fact that C. laevigatus is not sweet scented led recently to investigations, resulting in the discovery that it was not floridus, and I am sure many are still selling it, believing it correctly named.

It cannot be said the flowers of laevigatus are not scented. In my own garden is one of them, and picking the flowers at the right stage there is to me an agreeable scent to them, but it is not the delightful odor of the floridus. But it remains to be said that to many the odor of the laevigatus is not agreeable.

The true sweet shrub, C. floridus, is of a spreading, rather straggling growth, quite a different looking shrub to the upright C. laevigatus.

JOSEPH MEEHAN.

May not the difference in perfume of individual plants of calycanthus result from observation of different species? C. floridus is very fragrant, while laevigatus and glaucus are not so fragrant. Individuals, too, vary, I have no doubt, in intensity of fragrance as they vary in other characteristics. The species I have mentioned are natives. J. A. PETTIGREW.

AN AMERICAN BULB FIELD.

We present herewith an engraving from a photograph showing a part of the bulb fields of Mr. Geo. Gibbs, New Whatcom, state of Washington, who has undoubtedly laid the foundation of an industry of great importance to American florists. The success of Mr. Gibbs' experiments in the growing of Dutch bulbs in the state of Washington, which were begun in 1887, show that these bulbs can be grown commercially on American soil and indicate that it will not be long before the bulk of our supply of hyacinth, tulip and similar bulbs will come from the Pacific coast.

We congratulate Mr. Gibbs upon his success and trust that his efforts will meet with substantial rewards.

With Washington supplying us with our Dutch bulbs and Porto Rico supplying our Harrisii lily bulbs (as it undoubtedly will), the duty on bulbs will become really protective instead of simply a tax on American florists.

As to lily of the valley pips, we predict that within ten years the importations from Europe will have dropped to almost zero. Home grown pips are produced already in large quantities more cheaply than they can be imported and the quality is superior.

NAME OF BEGONIA.

Sam De Graw is at present in the far west, trying to determine the character of a refractory fossil, and will not see the Review for several weeks; but if he was here I doubt if he could settle authoritatively the name of the begonia Mr. Scott inquires about.

If Nicholson is recognized as authority, it is not incarnata, as he describes that variety as shrubby, a condition I have never seen this attain as we grow it, and having cordate leaves and large, handsome flowers, while the leaves of the kind in question are lanceolate, somewhat falcate in outline, and the flowers are small or medium sized.

Several years ago we grew a begonia called carnea, and this is simply the same thing improved and with more vigor. We know it as carnea robusta, and will retain that name until someone provides a better, properly authenticated.

One of the most beautifully marked begonias, and one that few florists seem to know, is imperialis, similar in habit to smaragdina, but with the light green of that sort deepened in color and elegantly brocaded with a darker shade. W. T. BELL.

MISCELLANEOUS SEASONABLE HINTS.

Bay Trees.

Under Buffalo notes some weeks ago I spoke of the advisability of the Sweet Bays having their tubs sunk in the ground. The season of sale is about over and any you have left over should now be sunk to the rim in the sod or wherever you keep them. If more convenient, you can pile some litter round the tubs, but do something. The sun pouring down on the tubs is hard on them and in that condition they would want water three times a day.

They will exist and even make a growth with their roots suffering, but not the healthy growth they would if given reasonable treatment. I repeat that it is wonderful that such a mass of growth, wood and foliage can be nourished by so little soil.

Palms.

We stand out our big palms during summer, that is, the kentias and latanias, and both those and the sweet bays are greatly benefited by a mulch of two inches of cow manure. It is not so easy to see when they are in need of water, but in these hot months it is almost impossible to over-water large palms in tubs and boxes, and quite impossible with the sweet bays.

Arecas brown up so much in the sun we prefer to keep them indoors. Phoenix of all kinds do splendidly out of doors, and that is the place for overgrown rubbers, unless you are propagating from them, which can be done at all seasons.

Sweet Peas.

There are a few crops that it is useless during such "Sahara" seasons as this to have out of the reach of the hose. First is sweet peas. Water they must have, but a mulching of two inches of manure over the whole space between the rows will help greatly. If you expect to pick peas for any length of time, keep them cleanly picked; whether there is a sale for them or not, keep them picked; going to seed is their finish.

Dahlias.

Dahlias must be mulched and copiously watered twice a week. Keep the lateral growths pinched off.

Asters.

Asters are no good without water, and if they are a good size give them a final hoeing and then mulch over the whole surface; then you can water without the necessity of hoeing after every watering.

Refuse Hops.

One of the finest materials for mulching is refuse hops; not fresh from the brewery, or it cakes. It is also an excellent material for the land. I have seen fine crops of wheat, cabbage and carrots from land dressed with hops, as well as fuchsias and begonias. The output of hops is not so large in Buffalo as it formerly was. So many florists have got married and others quit. But I understand that in Philadelphia it is greater, and it's likely to be very plentiful in New York after August.

Sub-Watering.

This is the season of repairs and some of you will be trying experiments with sub-watering. I saw a very fair test of a bench last year. Side by side in the same house, same variety, the orthodox sub-watering (that is, brick on edge, with the means of flooding the bricks) was not as good as the old-fashioned boards; but a brick on edge on boards and 5 inches of earth on the brick, and watering on the surface, was better than either. Possibly the brick held moisture and gave it back to the soil when it became dry, but I think the chief merit in it was perfect drainage.

Tile Bench Bottoms.

Mr. Gasser, of Cleveland, and others are strong advocates of 2-inch square drain tile for the bottom of all rose benches. They would naturally be the finest of drainage, but not better than the brick, and would not hold the moisture as long. Covering your boards or plank with common brick for carnations and roses is about the ideal, and wherever expense is not a serious item it is to be highly commended. Next best to the above is the brick flatwise, which will save in first cost at least one-third.

I am not informed whether the boards rot out as quickly with the brick on them, but should say they certainly do not, and there is some saving. No method could be employed to rot boards quicker than the alternate wet and dry that the boards are subjected to with the soil on them.

Board Bottoms.

I still see many growers use 1-inch boards for the bottoms of benches. I don't believe in it. It is great economy to use 2-inch plank, 6 inches wide, and the cheapest and best material with us is hemlock lumber. If we were in the land of cypress, that would be far better, or what the Canadians use, larch, or as they call it, tamarack. They are closely allied trees, being deciduous conifers. In their absence we have the choice of white pine or hemlock and the latter is much the best at the price.

Hydraulic Cement.

I have not given up the practice of giving the surface of all new benches, as well as every part where wood rests on wood, a heavy coat of hydraulic cement applied with a white wash brush just as thick as you are enabled to spread it. If it prolongs the life of a bench only two years, which I am sure it does, you have saved 100 times the cost of material and applying.

Butted Glass.

I have been such an advocate of butted glass this past five years that I was called recently in some correspondence "Billy the Butter." With all this raillery and Mr. Ward's cracks, I see no reason to change my opinion. Its all in the building and laying. If you have the money to erect iron houses with the small bar and lapped glass, put up by a first-class horticultural builder, do so by all means; but if you want a most substantial house at about half the cost, then use the cypress bar and cap and butt the glass. The butted glass man has one advantage in particular: If a house needs painting, it is little trouble to remove the glass, give every particle of the bar a thorough painting, clean the glass, and relay it without breaking a light. You can, in fact, take out, paint and relay a house quicker than you can paint the lapped house outside and in.

WILLIAM SCOTT.

THRIPS.

[Continued from issue of June 14.]

Not having been troubled to any extent with thrips on carnations out of doors, I am not in a position to give a decided answer as to remedy. Would suggest your subscriber trying Rose Leaf Extract diluted in water and applied just before the buds show color. A solution of Ivory soap in water, using it strong enough to whiten the water pretty well, will also prove beneficial. First syringe the plants with clear water, then apply the mixtures. Fumigation is the most effectual remedy when indoors.

Ellis, Mass. PETER FISHER.

Am sorry that I have had no practical experience with this pest on carnations in the field. I have used kerosene emulsion for thrips in open field, on cabbage and onions. This killed the thrips, but the plants, which had epidermis of the leaves destroyed by the work of the pest, were injured by the insecticide.

Judging from results obtained in forcing house, from the use of simple soap solutions, also from the use of the same substance in field on greenfly or peas, I believe that, by thoroughly drenching the plants once a week with a solution of either Ivory or whale oil soap, used at the rate of one ounce to one gallon of water, or ordinary soft soap used at the rate of one pint to twelve (12) gallons of water, the thrips can not only be kept down, but in time eradicated from the plants. F. A. SIRRINE.

N. Y. Agric. Exp. Sta., Jamaica, N. Y.

MANDA'S NEW ROSES.

A pleasant short ride by trolley or train to South Orange, N. J., and there, close to the depot, we find one of the most interesting of horticultural establishments. Just at present there are numerous new plants of much import to be seen here, but the most important to floriculture, the most beautifully beneficial to the human race, are the grand new roses raised by the proprietor, W. A. Manda. Manda's new roses have won a proud position among American novelties of recognized merit. The descriptions in the numerous catalogues fail to do their great beauty justice, and 'twould appear as if their full value was far from being appreciated.

The tendency of the American people to favor the large and gaudy in flowers is very much attributable to the actions of the growers of such flowers. How can appreciation be expected from the public when the teachers are laggards and aspirants are kept in obscurity? Manda's new roses have by their own intrinsic value forced recognition from a seemingly indifferent profession. They are not of the poppy color and paeony form of beauty, but rather of a refined hue and enchanting type, which appeals not in vain to any part of intelligence.

The Wichuraiana has been improved and hybridized upon until it has lost its identity. Mr. Manda has succeeded in originating a new race of roses which are destined to beautify thousands of homes and transform innumerable unsightly and barren spots into objects of greatest admiration; a visit to South Orange will prove how beautiful many a dismal place could be made at an infinitesimally small expense.

In one of the private gardens here are several old apple trees cut to a height of 12 feet. Three years ago 2½-inch pot plants of Universal Favorite, South Orange Perfection, Pink Roamer and Manda's Triumph were planted at the foot of these old trunks, and today they are a glorious sight, well worth traveling a long distance to see. In the twilight at a distance Manda's Triumph had the effect of a white sheet 10 feet high; there were over 5,000 blooms on one or two of the individual plants, and it would seem as if the four roses had different periods for blooming which insured a lengthened season of pleasure.

On Mr. Manda's own place a long bed of Evergreen Gem proved the appropriateness of its name; it is a grand thing for covering the ground with a rosy tipped mass of lovely green foliage which lasts well into the severest winter.

There is a frame filled with seedlings, crosses with Wichuraiana, that are in bloom for the first time, and among them are rare forms and unusual tones in color. There are new varieties to be sent out next season, and the queen of them all is the Pink Pearl; this was awarded a certificate of merit by the American Rose Society at its June show in New York. It is a



The numbered button used by the nurserymen.

cross between Meteor and Wichuraiana, taken three years ago. At the time of our visit the original plant, which has been growing out of doors entirely unprotected for the past two years, was a mass of the glossiest of leathery green foliage and clusters of pretty shell and rosy pink shaded flowers of remarkable substance. The stamens in the middle are pronounced and constitute a miniature golden crown; the effect of this in the center of the double pink blooms is very charming and we believe this rose is sure to be very valuable as a pot plant for Easter.

You know the trouble with all the climbing roses except Crimson Rambler is that they cannot be relied on for blooming, and even if they do appear they have no substance; this will not be so with Pink Pearl; it seems to us to be one of the very best new things seen about New York for some time, and from its general appearance we imagine it possesses some of the ever-blooming characteristics of its parent the Meteor. If a rose like this could be cultivated under glass as a continuous bloomer, and cut in long sprays for decorative purposes, then surely would the floral artist be in possession of ideal material for the finest designs. As it is, Pink Pearl is a great acquisition, and the world will surely be benefited by its introduction.

Improved Pink Roamer has been produced from Jersey Beauty and another rose; it is a single flower of deep, rich crimson color, and is very profuse. Improved Universal Favorite, a cross between Wichuraiana and an H. P., is a very pretty shade of pink; and White Star, a charming single white flower obtained from Jersey Beauty and Wichuraiana, is sure to guide many a mortal to pleasant ways and beautiful thoughts.

Manda's new roses are well worth traveling a long way to see, and their value as garden beautifiers cannot be overestimated. J. I. DONLAN.

NUMBERED BADGES.

It is generally conceded that one of the greatest benefits resulting from attendance at the annual conventions of the S. A. F. is the large number of new acquaintances made and the old ones renewed, the meeting of men who have had business relations with each other but have never before met face to face, and the opportunity to talk fully on matters that can not be covered satisfactorily by correspondence. How often you are asked, "Have you seen Mr. Smith? I understand he is here and I want to meet him. I have never met him before. Can you point him out to me?" And as the meetings increase in size the greater becomes the difficulty of finding those you wish to see and know.

For years the American Association of Nurserymen has made use of a numbered badge and a "badge book," to enable members to identify each other, and it seems to us that the S. A. F. is missing an opportunity to enhance the value of its meetings in not adopting it. This year the nurserymen used a numbered button in connection with a small badge, and such a button could be easily used in connection with the present S. A. F. badge. We present herewith an engraving of the button used by the nurserymen this year, showing it full size.

The badge book, which is of convenient size for the pocket, contains a list of the numbers, with the name and address opposite, and another list of the names arranged alphabetically, with the number opposite each. If you want to know who No. 239 is, you refer to the list of numbers. If you want to find John Smith you turn to the alphabetical list and find what Mr. Smith's number is.

This numbered badge system has been of great assistance to the nurserymen, and would be of even greater value to the florists on account of the large number in attendance at the meetings.

ELMIRA, N. Y.—An exhibition of roses was given by the Elmira Horticultural Society June 19 and 20 and the display was very good. It was largely attended by the public.

TROUBLES

Conducted by LEONARD LAWTON

Liquid Manure—Tomatoes.

M. A. B. writes: "Please give me some information on the subject of liquid manure. What is the best to start with—horse, cow, pig, or hen manure? What proportion shall I use? Our greenhouse tomatoes have been treated to liquid hen manure and the plants show a vigorous growth, with fruit well set, but the 'trouble' is they do not make the size they should. What shall I do?"

We referred this inquiry to Mr. C. Totty, an experienced grower of tomatoes under glass, who replies:

"The trouble can probably be laid to the hen manure. Hen manure is pretty strong and it has made the plants run all to vine at the expense of the fruit. It is never safe to feed tomatoes under glass until two bunches of fruit are set and swelling good.

"In mid-winter the fruit sometimes fails to swell to a large size, because of imperfect pollination, but at this time of year no such trouble should be experienced. It can easily be ascertained if the fruit is not swelling because of imperfect pollination by cutting one open. If the fruit is perfect the cells will be found well developed all around and containing seeds in each cell. If the fruit is imperfect one side of it will have a few seed cells and the other side will be merely a hard, solid lump.

"As to the manure to start with, I would prefer cow manure, though I don't know that it makes much difference so long as you use it very weak to commence and gradually make it stronger as the plants will stand it."

Has any other reader any views to express in this matter?

Keeping Help.

F. W. B. says: "In examining an applicant for a position, I first note whether he is polite and of pleasing address; second, whether he has the appearance of being a man I can trust when I am away; third, whether he is clean and neat and uses good language; fourth, whether he stands on his "pins" or lops over against the benches when he is talking to me; fifth, whether he is built to do a heavy day's work when the necessity arrives, as it always does at times; sixth, whether he is one of those observing fellows who knows what to do in case he has finished his task and the foreman happens to be busy or away for a short time.

"If you can get a man that will fill the above bill, hire him, and treat him as if he was a man—not a dog. When he asks a favor, if possible grant it, and when you want the same from him you will get it. A fair exchange is no robbery. Pay him what he is worth and you will find him at his post, always with a good word for you, and he will take an interest in your business; if he can attract a dollar's worth of trade he will do it. You see, he is satisfied, he has a steady job, he likes his job, and he will not be hunting something else.

"If you do get hold of a shirker or a man who does not suit you, don't pick a fuss with him in order to get a chance to discharge him, and thereby make a lasting enemy, but go at him in this way: 'John, I do not think we can keep you after this week. I think you are cut out for some other business and would make a better success at something else. I tell you now so you can have a chance to look around for another position between now and Saturday. I would like to keep you if I thought you would make a good man in our business, but I do not think you will.' That man will go away your friend.

"Treat your men fairly and justly, demand an honest day's work, trade favor for favor, and you will be able to keep good men. Learn to overlook little, petty faults. You have some of them yourself. A torpid liver will sometimes cause a man to be a little out of fix and when he is in that shape bear a little with him; he will be all right in a day or two. You get that yourself sometimes."

This is a very important subject and we would be pleased to hear from others. One large employer has said: "Employes are the water-shed of success and failure." And it is certainly true that some men have the ability to secure good, honest, generous and at the same time cheerful service from employes, while others are always in the position of driving a balky horse. What makes the difference?

Employes.

When you think you have sincere employes, get better acquainted with them and give them pointers on how to grow.

There is as much difference between a machine of an employe and a growing employe as there is between a hitching post and a live tree that is bearing profitable fruit.

It is possible for average employes to grow greater in ability every week by simply thinking about what they are trying to do and how to do it better.

Help them to think along the lines that will be profitable to you. They will be better employes and you will get more in return for the wages you pay them.

In every department of this business the thinking man is vastly more valuable than the machine. Misdirected effort has cost employers far more than lack of effort.

Black Ants.

N. H. says: My greatest trouble at present is the black ant. The place is overrun with them and I can devise no way of getting rid of them."

If you can find their burrows, pour them full of hot water. Have you tried trapping them with old bones and then dropping the bones and the ants in hot water?

Ants are very intelligent insects, as one florist discovered when he tried to play an easy trick on them. He placed a bone in the center of a piece of flypaper. But the ants were not to be caught by any such palpable fake as that. They began bringing sand and soon laid a safe track from the margin of the paper to the bone.

What harm do the ants do other than play tag and hold conventions? Are there many greenfly around? You no doubt know that ants herd greenfly as we do cattle and "milk" them as regularly to secure the sweet liquid they secrete. Sometimes eradicating the greenfly will remove the attraction for the ants.

Can any reader suggest a quick and practical method of ridding greenhouses of black ants?

The Best Coal.

"Subscriber" wants to know "which is the best and most economical coal to use in the Exeter boiler (sectional) on a place of 50,000 feet of glass, and where a night fireman is employed?"

Can any of our readers who are using this boiler give the desired information? As freight rates often determine the question of economy in fuel, we had better add that "Subscriber's" place is in New Hampshire.

Bedding Plants.

"I want to grow more bedding plants," writes H. W. "I now have two houses for that purpose and no hotbeds. I am troubled to decide which would be cheapest and best—to add another house, or put the same amount of glass into hotbed sash and have hotbeds in connection with the houses I now have."

If you desire merely to expand your capacity for bedding plants only and could not profitably use an additional house for, say, chrysanthemums, followed by lilies or Easter plants during the winter months, the hotbeds would undoubtedly be most economical. The hotbeds can be used to as good advantage as a house for most bedding

plants when bench room is needed in early spring, and many plants will do better in the hotbeds than in a house.

We shall be pleased to have the opinions of our readers in the matter.

Next Week.

We have a number of "warm ones" in hand for next week. A large buyer of small plants relates some very interesting experiences and gives credit where credit is due. If his suggestions are followed, those who ship out poor stock will be forced to reform or quit the shipping business.

But we have room for more. Send in your "troubles" and your views on the problems already presented.

HEATING PROBLEMS.

In order that I may make my replies to correspondents complete and definite, I would ask that, with their letters of inquiry, they also submit a diagram showing the heights and shapes of the houses to be heated, stating what parts are glass, also show location and depth of boiler cellar, arrangement of benches and grades of floor lines, also state the lowest night temperature desired. Such diagrams need not be to scale nor very elaborate, and would enable me to make my replies more definite and of vastly more value to correspondents.

HENRY W. GIBBONS.
Heating Engineer.

I have a 20 horse-power steam boiler that, on account of water seeping into the cellar, I must convert into a hot water heater. This boiler has heated with steam two houses 20x125. I only care to heat one of these houses with hot water from the boiler mentioned. Temperature here has gone to 18 degrees below zero. The house has five runs of 1½-inch pipe which one 3-inch flow pipe fed with steam successfully. Will two 3-inch flow pipes be sufficient with water? The five runs of 1½-inch pipe run all around the house under benches. I want to use all of these as returns. How many and what size of pipes will it take to feed them?

GEO. S.

Assuming that the one house 125 feet by 20 feet to be heated by water has about twenty-four feet of glass on the roof, and that the sides are solid board walls, and that a night temperature of 55 degrees is desired, it will be necessary to add seven lines of 2-inch pipes to the ten lines of 1½-inch pipes now in the house. If desired, the present pipes can remain as placed, and the one 3-inch main will be ample to feed them, with a return main of similar capacity; the extra 2-inch pipes will also require a 3-inch flow and return main to care for them.

As your correspondent does not send any diagram showing the present pipe arrangement, location and depth of boiler cellar and height of present boiler, nor grade of house, it is not possible for me to describe nor sketch the exact arrangement of pipes and connections, which I otherwise would have been pleased to have done.

HENRY W. GIBBONS.
New York.

COAL GAS FOR FUEL.

Editor Review: Kindly let me know through your valued paper if it is possible to heat a steam boiler by coal gas instead of burning coal, as gas is much cheaper in proportion to coal in this part.

Outside temperature goes 10 below zero at times. Inside temperature required, 60 degrees at night. The boiler is an upright tubular. Should be glad to know if any of your readers have tried this way of heating, and if so, what is the best way of going about it. Gas main runs ten feet from my boiler house. PROGRESS.

(It is no doubt possible to heat with coal gas as fuel and we believe the only question to consider would be that of cost. It seems unlikely, though, that coal gas could be manufactured and sold at a price that would make it as economical to use as coal. Has any reader made use of coal gas as fuel? If so, we shall be pleased to hear from him.—Ed.)

COIL BOILERS.

Their Duration, Etc.

Some complaints have been made lately about the use of coil boilers in heating. As we were the first to introduce them, and have used them for the past eighteen years, it devolves upon us, I think, to explain in regard to them.

As to duration, the 1-inch size we do not recommend, with the kind of pipe manufactured nowadays. For the next size (1¼-inch) we use double thick pipe only. We took one out about a year ago that we had had in use for fifteen years, and it was sound yet, but not to be trusted any longer. Our favorite size, however, is the 1½-inch, which will last from 8 to 10 years, fully as long as any tubular steam boiler. The 2-inch size, which we use sometimes when no pressure can be used, will last from 12 to 15 years.

As to the working of these coils, we claim a saving of one-third in fuel, and one-third more power than either cast-iron or steam boilers of the same size, the most tangible proof being that they will heat the houses in one-half the time that the cast iron boiler will, as it is impossible to construct a cast iron one of the same dimensions that will give the same amount of heating surface.

We are now heating, under one system, about 30,000 feet of glass, divided in three ranges of houses 300 feet each, the largest 35 feet wide and 15 feet high and the other ranges from 12 to 20 feet wide, and we are using two large coils of 700 feet of 1½-inch pipes each (we do not dare to state the cost), but they were made before the pipe trust was in operation. They are each 7 feet long, 3 feet wide, and 3 feet high. One coil alone will heat the whole range 'till hard weather or December, or from March on, while in the coldest months we use coil boilers and have an easy time of it. In addition to this we have a reserve of two smaller coils, in case of accident. All are connected together with valves on coil flows and returns of each to cut them off from the others in case of a leak, and are glad to say that for the past 18 years we have never been left on heating.

On one of the coldest nights of the past winter, with 14 below and a high wind blowing, more draft was left on than usual. In making our customary round in the houses, before retiring, we found the whole range at 70 degrees and the man in charge off somewhere. Closing dampers and a few shovels of ashes thrown on the fire soon regulated the temperature. While vexed at such an extreme, still we were pleased at such a proof of the efficiency of coil boilers under pressure. No cast iron, nor even a steam, boiler of the same dimensions would have given such a result. Battling to keep the frost out, I suppose, as our houses are not heavily piped, having only 16 runs of 2-inch piping in the largest houses, with the other ranges in the same proportion.

Our coils are well made, however, though we do not call ourselves experts, and each one, before using, is fully tested at 125 lbs. pressure. In making them we give each coil a gradual ascent toward the flow, and if the hot water in the pipes of each single coil (ten of them) has to travel 70 feet before reaching the flow, the circulation is perfect, owing to the pressure on the returns (a most important point), and naturally very rapid, heating quickly.

We would no more give up coil boilers under pressure for heating than the millions at large would give up the quick transit electrics of today to return to the old horse-car system of some years ago. Of course, we got there, but it took a long while.

We use a low grade of anthracite free burning coal with low draft and avoid, therefore, the clinkers as well as the warping of grates and doors. The coils are easily cleaned from large doors on the sides, even with the fire on, or else with the hose if the fire is out.

A great deal depends also on the way the piping is done in the houses, and we divide it so as to have fully as many flows and returns, especially on a long circulation, and if any more piping is needed we would rather have it on the flows than the returns. It may seem unorthodox with some writers, but practically it is true.

DENYS ZIRNGIEBEL.
Needham, Mass.

NEW YORK.

The Convention.

Almost all the summer resorts adjacent to this city, and they are innumerable, have opened for the season, and people are more interested in vacations than in business. There are not so many of the craft going to Europe as in other years, even with the extra attractions over there, and there is no doubt that many are reserving their annual outburst for, and will be content with, a rousing good time at the great convention to be held here in August. This event is anxiously looked forward to in the light of a reunion of old timers, and the pleasure and profits of new acquaintances. Florists, be they ladies or gentlemen, will make no mistake in visiting the metropolis during the convention; the latest and best in everything pertaining to the trade will be shown, and comfort and enjoyment is assured to all. This paper will have a special bureau of information in New York and we will be glad to assist its patrons in every way possible.

Business Conditions.

Newport is the most important summer resort in the country from a fashionable and floricultural standpoint. There will be more florists there this season than ever before and the prospects are that it will be a lively time there. Heretofore the New York market in summer largely depended on the demand from that source, but now, as it appears, even in every other place, local growers supply all, or almost all, that is required. The flower and plant trade of this market is being gradually confined to the city limits, but there is always a demand for extra well grown material of any attractive flower or plant.

The condition of business at present is, of course, very summery, but there are few reasonable complaints heard; all sections of the trade seem to have had a good season, and though a watchful eye is necessarily on the alert for whatever crumbs of orders may drop during the hot days, still the majority of thoughts are given to the consideration of what is best to grow for next season.

Prices.

Prices for cut flowers at present are, if anything, a shade higher than those of the past few years; good material is getting scarcer. Though business may be poor, it is necessary for every store to carry a little stock, and that is critically selected; this puts a variation on prices which it is often hard to understand. The wholesaler takes advantage of his opportunities just the same as the retailer does, but there is usually more of the give than take in his end of the line.

The current prices for stock, as near as can be summarized, are: Lily of the valley, $2 to $3; Beauties, all the way from $1 to $25; Brunners, $1 to $12; Brides, Maids, Meteors, Victorias, La France, Testouts and that class of roses, from 50 cents to $6 and $8 per 100; Jacques (outside ordinary), $1 per 100; carnations, 50 to 75 cents, a few extra grade and sorts, $1; smilax, $8; Asparagus plumosus, $50; gardenias, $8 to $12; cattleyas, $30; specials, $50; sweet peas, $2 to $3 per 100 bunches. A great quantity of the material sent in at present is sold in job lot fashion for anything offered. The price of ice is an important factor in the florist business during summer; it does not pay to carry over any kind of stock and no offer is refused.

Notes.

The seven-day wonder here at present is Thorley's going on Fifth avenue. It is given out that he has leased a very large and handsome new store on the corner of Forty-fifth street and Fifth avenue and will open up there in the fall.

Herman Kuhn and family sail for Europe July 3 on a visit to the fatherland and Paree.

The Bogert fishing excursion is slated for July 11.

It is rumored that "Johnnie" Weir, the Brooklyn florist and the bull of the New York flower market, is considering the advisability of opening a large store in Manhattan.

Secretary of the Shooting Fraternity W. J. Elliott, 54 Dey street, asks us to remind all those who intend to take part in the shooting match in connection with the sports of the convention to communicate with him at once, in order that final arrangements can be made to insure a full enjoyment of that section.

July 9 is the date of the next meeting of the Florists' Club. The bowlers expect a large gathering that afternoon. All those who intend to take part in the sporting or trade exhibition should notify the secretaries or managers at once, for the different committees are expected to give full reports at this meeting.

We recently had the great pleasure of a few hours with Henry C. Ostertag, the well known St. Louis florist. He was here purchasing stock for the elaborate wedding decoration recently arranged by Ostertag Bros. in Elkins, W. Va. It is very unusual to have a florist from such a distance come and take an order away from the experts here, especially when the parties ordering live here; it speaks volumes for the reputation of this firm. We are sorry the weather prevented us from procuring a photo of the work, which, according to the metropolitan press, was the finest ever seen in that section. Mr. Ostertag purchased all his stock here from Thos. Young, Jr., and after being several days packed he writes it was just as good as on the day it left New York. The careful shipping of flowers, especially in hot weather, requires facilities and intelligence of no paltry grade.

Bowling scores Monday night were:

Burns	152	117	149
Manda	152	139	102
Lang	158	128	139
Schenck	138	125	153
Theilman	141	181	149
Traendly	139	116	151
Lentz	101	112	180
Loesch	131	154	144
Donlan	131	100	172

Several higher scores were made during the evening, but as only the first three games count in the club's average for the tournament team, they are the only ones published. J. I. D.

CHICAGO.

The Market.

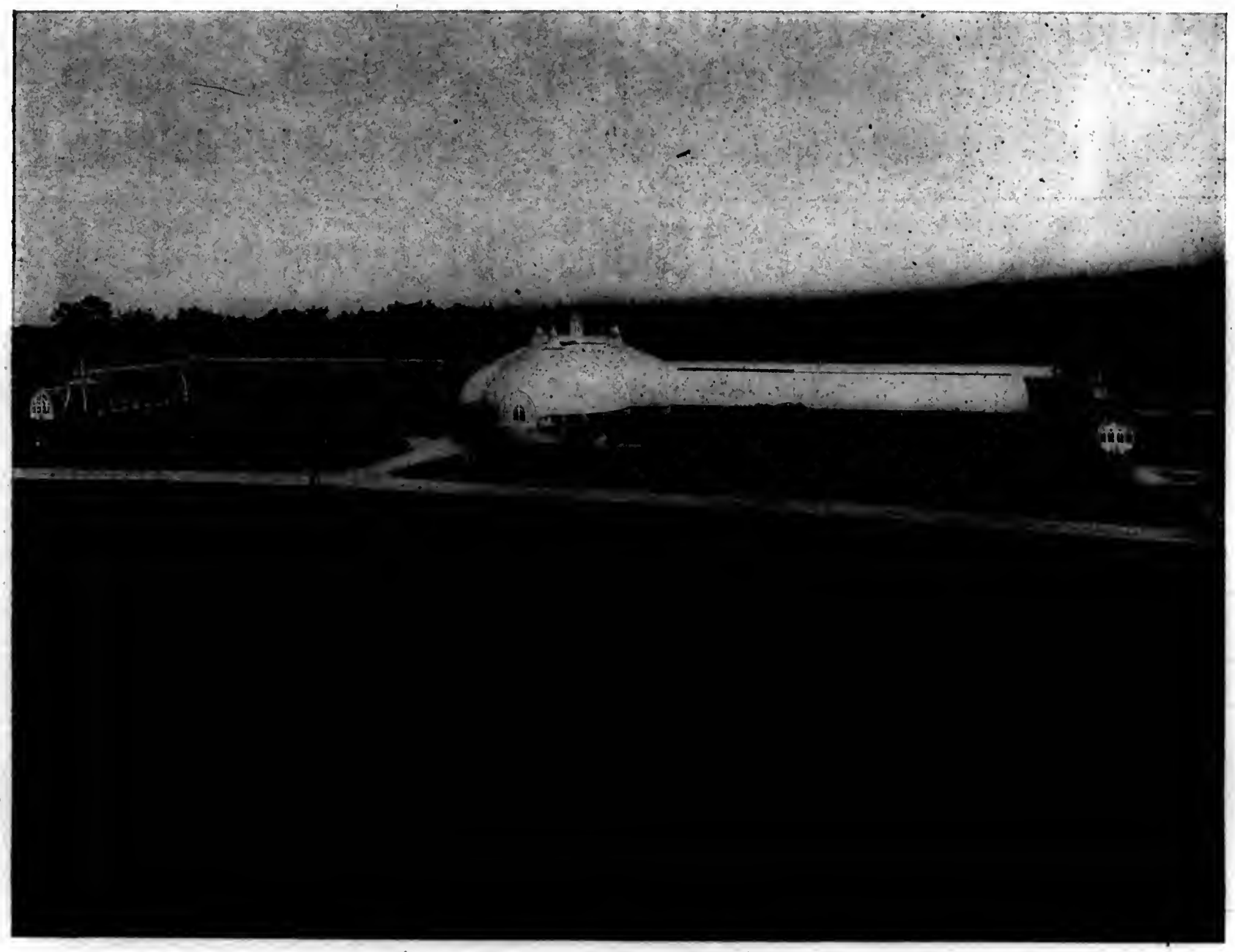
The long stretch of cool weather was broken Monday and the mercury has taken a very high position in the thermometer. As one result the market, which had been very firm up to Tuesday, went to pieces on that day. But while the market is glutted with low grade roses and carnations there is really still a shortage of good shipping roses. And in carnations the extra fancy bring fair figures. In commons white is in the best demand, but the great bulk go at extremely low prices.

There are sweet peas "to burn," and the great bulk of them are burned, sure enough. The weather is so hot that if not moved at once they are a sure loss and no decent offer is refused. And this applies to most other stock, too.

As an example of what high quality does, even in times of extreme glut, it is worthy of note that the splendid sweet peas sent to Kennicott Bros. Co. by C. W. Northrup, La Grange, Ill., are selling freely at 50 to 60 cents a hundred, while ordinary stock, and good stock, too, goes at $1.50 to $2.00 a thousand when it goes at all. This same firm was amused at receiving a shipment of sweet peas from a distant point, each bunch having a tag attached on which was printed "The World's Best." The peas were no doubt very good when packed, though no better than the average received from local growers, but ten or twelve hours in a box had robbed them of their color and they looked very poor indeed when compared with local grown peas. Mr. Pieser says outside growers ought to realize that when they have a surplus there is sure to be a big supply in the Chicago market, too, and that it simply aggravates the situation to send it here.

Candidum lilies are beginning to come in from Michigan. They are very good and have moved freely at $1.00 a bunch of stalks bearing 50 blooms.

Paeonies are now pretty well



Conservatories of Miss Helen Gould, Irvington, N. Y.
Erected by Lord & Burnham Co., New York, for the late Jay Gould.

cleaned up, though Kennicott Bros. Co. have about 200 dozen held back to keep the supply good till July 4th. This firm handled a total of 15,000 dozen this season, and estimate that an equal amount was handled by other local dealers, making a total of 30,000 dozen for Chicago this season, against about 20,000 dozen last year.

Most of the Catholic school closings come this week and it has kept the shipping demand up to the full limit of the supply of high grade stuff.

It surely has been a great June and we have never before heard such generally satisfactory reports from every quarter.

Mr. Washburn, of Bassett & Washburn, says it has been his experience that the best keeping carnations are the newer fancy varieties. He finds them not only the best shippers but in best demand. At present America, Crane and Bradt are in big demand at $3.00 per 100. Hill is fine now and brings $1.50 per 100. Hill is decidedly the best white for summer with them, and America has been superior to Crane for summer work up to date.

Various Items.

The wholesale houses will all close early during July and August, at 5 p. m.

Sam Pearce is the proud father of a boy that arrived Monday for the express purpose of supplying a brother for each of Sam's six girls.

McKellar & Winterson are doing a land office business in florists' supplies as the result of their "clearing sale" offer.

Nick Wietor is nursing a pair of very sore thumbs that were poisoned by rose thorns. But he don't attribute it to any insecticide on the roses. Says his blood was out of order and this was a forcible reminder of the fact.

Mrs. Horton, cashier at Bassett & Washburn's, enjoyed a little fishing trip recently and captured a 15-pound muskallonge, which she had the pleasure of exhibiting to friends first in the natural state and later as the central feature of a little dinner.

Ed. Winterson says the local club ought to have enough delegates to the New York convention to fill a special train and to go down with decorated cars and colors flying. He says he will supply the flags for one car.

The new houses to be built by Weiland & Risch will be six in number and they will be 28x200 each.

Recent visitors: C. J. Reardon, Harvey, Ill.; Albert Woodward, Lake Geneva, Wis.

James Jensen, formerly superintendent of Humboldt Park, is doing some landscape work on the grounds of E. G. Uihlein's new summer home at Lake Geneva.

Mr. S. A. Tinker, proprietor of the South Side Floral Co., at Austin, has sold the property and the greenhouses will be removed and the material sold.

In the hardy garden at Lincoln park Lilium umbellatum is making a splendid show of color, and Lychnis chalcedonica is beginning to add brilliance. The delphiniums are gay now and Anemone pennsylvanica is covered

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with flowers. The aquilegias are passing out of bloom and the paeonies are quite past. Anchusia Italia has a profusion of its blue blossoms and Coreopsis angustifolia supplies numerous patches of yellow. The Penzance sweet briers were a beautiful show during the week and the other roses have bloomed unusually well this year. Rosa rubrifolia has done the best it could. The flowers are pretty, though inconspicuous, but the foliage makes it very valuable in producing pretty effects in the shrubbery borders. By the way, in shrubs Philadelphus coronaria grandiflora is a great improvement on the type, and the show of bloom is great now.

In the park conservatories there is a great display of fuchsias now, but the most striking feature of all is a grand plant of bougainvillea which is now a mass of bloom.

Bowling.

At a meeting of the Bowling Club held last Friday evening it was arranged to play a series of fifteen games to determine the composition of the team to represent Chicago in the national contest at New York in August. Three games are to be played each Friday evening at Bensinger's alleys, on Randolph street, until further notice. Geo. Stollery was voted a place on the team anyway, as on account of his going to Europe he will be unable to play in the series, though he expects to be back in time to play at New York.

The Chicago club has been entered for the New York contest and in the National Florists' Bowling League.

A special match of ten games has been arranged between Messrs. Degnan, Hauswirth and Winterson, for a bowling ball, total pins to count. Two games have been played, with total pins as follows: Degnan, 321; Hauswirth, 304; Winterson, 272.

Following the meeting four games were rolled and the scores follow:

	1st.	2nd.	3d.	4th.	Tot.
G. Stollery	159	202	140	159	660
Jno. Degnan	162	149	154	167	632
C. Balluff	152	170	169	135	626
F. Stollery	141	163	132	156	594
P. J. Hauswirth	127	149	144	160	580
Geo. Asmu	152	183	120	111	566
W. Kreitling	127	123	116	192	558
E. Winterson	...	...	114	158	272
J. S. Wilson	128	95	...	...	223

ST. LOUIS.

Market Conditions.

As the social season is practically over and the usual midsummer dullness is here, there is little to be said of market conditions. The only thing sought for is first-grade rose stock, which is very hard to obtain; in fact, first-class roses have not been seen in this market for the past two weeks. Kaiserins and Meteors are about the only good roses to be had. These varieties sell readily at $3 and $5 per 100. Brides and Maids are badly mildewed and small; $2 is about all they bring. Cool weather of late has been favorable to the young stock that was planted out early for summer cutting and some of the growers will soon be cutting from this stock to supply the trade. Carnations have been in good demand and are still selling at $1 per 100; they are small but the color is good. Paeonies, excepting a few shipped in from Chicago, are out of the market ,and so is candidum, and about the only flowers that are plentiful are sweet peas. These may be had in any quantity at $2 per 1,000 or 25 cents per 100. The quality is fine and this year they seem to sell better than ever.

Special Meeting.

All the members, except two, attended the special meeting of the new exhibition committee Wednesday afternoon. Secretary Schray was instructed to draw up the preliminary list, for the fall show, as outlined by the committee. The show will last only three days, November 14, 15 and 16, and the preliminary list will be ready for distribution about July 5. The hall has not yet been decided upon.

The exhibition committee this year is J. J. Beneke, chairman; F. H. Meinhardt, assistant manager; F. C. Weber, special prizer; Emil Schray, secretary; C. C. Sanders, treasurer; John W. Kunz, F. J. Fillmore and Carl Beyer, on hall, printing and advertising. Any information regarding the show may be had from any of the members mentioned above. After the meeting the committee, who are all members of the bowling club, rolled a few games. Charlie Kuehn, as will be seen by the score, has not forgotten how to roll. The other members

JOHN B. FERGUSON,
Wholesale Florist,
444 Sixth Ave., PITTSBURG, PA.
LONG DISTANCE 'PHONE 2985.
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Consignments Solicited.

were a little rusty. The scores will be found below.

	1st.	2d.	3rd.	Tot.	Av.
C. A. Kuehn	200	149	225	574	191
J. J. Beneke	129	177	188	489	163
F. C. Weber	167	106	...	273	136
John W. Kunz	132	114	...	245	123
C. C. Sanders	120	122	...	242	121
Emil Schray	138	101	...	239	119

Notes.

H. G. Berning left Saturday night, going west, on a visit among the growers. He expects to be gone about ten days.

Prof. Wm. Trelease, of the Missouri Botanical Garden, left Friday night for New York city, to be gone ten days.

Carew Sanders returned from Chicago, where he went to attend the meeting of the American Society of Nurserymen. Mr. Sanders is greatly pleased with his trip and reports a good time.

Mrs. F. J. Fillmore, who a few weeks ago met with a painful accident by falling from a wagon, is up and about again.

Mr. Wm. Clump, of Webster Grove, Mo., sold out his place and will leave for England next week to take up his residence there permanently.

George Walbart will rebuild his place on Grand avenue this summer.

It is rumored that Ellison & Tesson will vacate their present location at 3134 Olive street this summer and build a place similar to the Grand avenue establishments in the West End.

Alex. Walbart is again in harness, having gone into business out at Normandy. Alex. will grow cut flowers for the trade.

Max Herzog, at Gratiot, is very busy nowadays. Max has all his replanting done and will this week begin to build his new carnation house, 28x

Read This Now! We have worked it over for YOUR benefit.

	Per 100
Anthemis, Double Yellow Marguerite, 2¼-in.	$3.00
3 in.	6.00
Alternanthera, 2¼-in., $20 a 1000	2.50
Abutilon, Var. Trailing, 2¼-in	4.00
Begonia Rex, 2¼-in.	4.00
4-in.	10.00
Coleus, 2¼-in.	3.00
Centaurea Gymnocarpa, 2¼-in	2.00
Cobæa Scandens, 2¼-in.	3.00
3-in.	5.00
Dracæna Indivisa, 4-in	15.00
4½-in.	25.00
5-in.	35.00
6-in.	50.00
Fuchsias, 2¼-in	3.00
3-in.	4.00
Fuchsias, Trailing Queen. 2¼-in.	4.00

	Per 100
Ficus Elastica, 3½-in., $3 doz.	
Geraniums, Mars, 2-in	$4.00
Mars, 2¼-in	6.00
3-in.	8.00
Rose Scented, 2¼-in	3.00
Mme. Bruant, 2-in	4.00
S. A. Nutt, 2¼-in.	3.00
3-in.	6.00
La Favorite, 3-in.	6.00
2¼-in.	3.00
Mme. Salleroi, 2-in.	2.00
2¼-in.	$2.50 to 3.00
3-in.	6.00
Ivy, mixed, 2¼-in.	3.00
German Ivy, 2¼-in	2.00
Lobelia, 2-¼-in.	2.00
Maurandya Vine, 2¼-in.	2.00
Manettia Bicolor, 2¼-in.	3.00
Nasturtium, Trailing, 2¼-in,	2.00
Pyrethrum, Golden Feather, 2¼-in	2.00

	Per 100
Little Gem, 3½-in.	$4.00
Pansy Plants, in bloom	1.50
In bud. $8 per 1000;	1.00
Petunias, single, 2¼-in.	3.00
Single, 3-in	4.00
Double, 2¼-in.	6.00
3-in.	8.00
Palm, Washingtonia Filifera, 2¼-in.	4.00
3-in.	6.00
Salvia, 2¼-in	2.50
3½-in.	4.00
Vinca, 2¼-in	3.00
3-in.	5.00
4-in.	10.00
5-in.	15.00

WRITE US FOR PRICES ON 1,000 LOTS.

ROOTED CUTTINGS.

	Per 100
Alyssum, Dbl. Giant,	$1.00
Variegated.	1.25
Abutilon, variegated.	1.50
Ageratum, blue and white.	1.00
Princess Pauline	1.25
Anthemis Cor., (Dbl. Yellow Marguerite).	1.50
Coleus, per 1000, $7	.80
Fancy.	1.00
German Ivy.	1.25
Geraniums, Swt. Sctd.	1.50
Assorted	1.50
Mixed.	1.25
Happy Thought	2.00
Freak of Nature	2.50
Bronze.	1.50

	Per 100
Geraniums, Silver Lf,	$1.50
Mrs. Pollock.	2.00
Mrs. Parker.	4.00
Mme. Salleroi.	1.25
Mars.	2.50
Mme. Bruant.	2.00
Mme. Taylor.	2.00
Dr. Livingston.	2.00
Impatiens Sultani.	1.50
Heliotrope.	1.25
Lemon Verbena.	1.50
Manettia Bicolor.	1.50
Pyrethrum, Litl. Gem,	1.50
Pelargoniums, mixed,	3.00
Salvia	1.25
Stevia Var.	1.50
Vinca Var, $1 per 1000,	1.25

GREENE & UNDERHILL, Watertown, N.Y.

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100. Jennings Bros.' cast-iron gutter will be used.

Park Commissioner Ridgley in his annual report favors public play grounds for children. Something in this line should be done, as the city is rapidly building up and vacant lots are fast disappearing. The commissioners' report shows that the expenses of the park commissioners' office were $9,288.28, and the cost of music $5,925 up to date. The parks have not suffered, as all preparations for ornamenting the parks with the usual floral displays were made during the winter and on a scale to surpass all former years.

A great time is expected at the next regular meeting of the club, which will be held Thursday afternoon, July 12. There are now three candidates for president. Convention matters will come up, also other matters of great importance, and, as President Ammann says: "It's the duty of every member of the club to be present at this meeting."

J. J. B.

BUFFALO, N. Y.

Last week was the great week for school commencements and it made everybody busy. The demand for roses was much in excess of supply, particularly for good ones. Carnations were very plentiful and they were largely used where roses were asked for. Carnations have been sold for 10 cents per dozen, one Main street florist telling me he handed out 5,000 in one day at that very popular price. While this was going on really fine carnations were selling at 50 cents per dozen. As remarked last year, I think it is beneficial to grower, commission man, retailer and the public that the immense quantities that have been coming in should be disposed of at this cheap rate; if not, not a tenth of the crop would sell, and the people who buy at this low price would not buy at all if they were higher.

Mr. C. Guenther, of Hamburg, has a fine bench of Kaiserins that is giving him fine crops. W. J. Palmer & Son also have a good house, and there is yet another at Corfu in excellent shape, so we will not suffer for the want of white roses.

Speaking of roses, it is generally observed that the outside roses of all classes are unusually fine this year. I have discouraged people from attempting to plant roses, telling them that it was not worth doing in our city gardens, but the grand show they have made this year makes me regret my advice. Why should they be so clean and fine this year? Is it because the absence of rain and moisture has been unfavorable to the aphis, worms, bugs and other pests? Whatever the reason, they have made a brilliant show this year ,and to ninety-nine out of every hundred people there is nothing like a rose.

I know it is very commonplace to be always mentioning the weather, but the drought hereabouts is serious. When we do get a shower, it is like a drop of water on a hot iron.

Mr. William Tricker, of that great establishment at Riverton, where exists among the smooth green turf the finest water garden in the world, was with us on Wednesday last, and most of the time was spent at the Pan-American. If Mr. Dreer will supply the plants we have the ponds, lagoons, bays, inlets and every facility for making the aquatics feel at home, and Mr. Tricker says it will be the finest display of water plants ever seen in this country. It is a great pleasure to spend a day with a thorough gardener and enthusiast, as is Mr. Tricker.

We had time to visit Prof. Cowell at South Park and look over that wonderful pile of glass, which is fast filling up, and seems now to be appreciated by our citizens, for there were many visitors. The hardy rockery is a very interesting spot for the lover of plants and the commercial grower will see many things there that it would pay him to have on his place.

We noticed among the shrubbery a brilliant red rose almost or quite single, but free growing and handsome; it should be used everywhere where color is desired. It was the rose Agnes E. Carman, a hybrid between General Jacqueminot and Rugosa, and you can call it a first-class hardy flowering shrub.

Mr. George McClure, Jr., is leaving the gardens of Mrs. Lewis, on Seventh street, where he has been for several years the right bower of the unassuming Mr. Fitzwilliams, and will go to the Missouri Botanical Garden to take charge of the orchids and exotic plants. This young man is a student beyond anything of my acquaintance. He is a gardener by pedigree, by taste and by application and study, and there must be a bright future before him. He leaves a larger salary than he will receive in St. Louis, but he will gain knowledge and experience as well, I believe, as impart some. How few young gardeners are built that way; they are only looking after the dollar, and knowledge they are not seeking.

W. S.

MEMPHIS, TENN. — The Memphis Floral Co. has been incorporated with a capital stock of $10,000. The incorporators are C. H. Hune, Albert Haisch, M. L. Click, Miss L. C. Watson and Fred Armentrout.

PITTSFIELD, ME.—A. J. Loder is building a greenhouse 16x100 near the Maine Central depot. He will remove his business to the new location as soon as the house is finished.

PHILADELPHIA.

Various Items.

Business still remains very quiet. The convention did not benefit the florist as much as was anticipated.

Prices: Beauties, $1 to $3 per dozen; Brides, Maids, Meteors, Golden Gates, $4 to $6 per 100; Kaiserins, $4 to $8; Perles, $3 to $5; Carnations, ordinary 75 cents, fancy $1 to $2; cattleyas, $35 to $50; valley, $3 to $4; sweet peas, 25 to 50 cents; gladiolus, 75 cents; cuneatum, $1; asparagus, $50; smilax $15 to $20.

The Horticultural Society held a meeting last Tuesday which was very well attended. Sweet peas were the feature of the evening and there were a number of exhibits staged for competition. Jos. Curley explained how asparagus should be grown, and Wm. Kleinbeinz read a very instructive paper on the culture of calceolarias.

H. Rieisert had the laying out and planting of ten large beds, which required 3,000 plants to do the work.

J. Wolf, Jr., decorated the Mercantile Club for the Republican convention parade. It was well done and Mr. W. deserves great credit for the taste he exhibited in the work.

James Clark, formerly manager of the Seawanhaka greenhouses at Oyster Bay, N. Y., has taken a position with the H. A. Dreer Co. at Riverton, N. J.

Mr. J. D. Eisele and family will sail for Europe early in July on a pleasure trip.

Visitors: John Bader, Allegheny, Pa.; C. C. Strobell, Newark, N. J.; John Heidenreich, Indianapolis, Ind.; J. H. Vogel, Albany, N. Y.; Barton Bros., Uniontown, Pa.; H. W. Wieland, Newton, Pa.; John Boehner and H. Hendricks, Dayton, O.; Julius Niednagel, Evansville, Ind.; Mrs. Jno. A. Bopp, Cumberland, Md., and Miss N. Weber, daughter of H. Weber, Oakland, Md. R.

DAVENPORT, IA. — Otto Klingbiel has purchased the greenhouses of Chas. Dannacher and will continue the business built up by Mr. Dannacher.

ROCKFORD, ILL.—Harry Woolsey is erecting an office in front of his greenhouse. It will have a 35-foot front and will be fitted with plate-glass windows and handsomely decorated. The interior will be conveniently arranged for his business. When this work is completed he intends to considerably enlarge his glass area.

ELDORADO SPRINGS, MO.—Thos. Green, the florist of Joplin, Mo., has purchased a large tract of land here and will erect extensive greenhouses.

PITTSBURG, PA.—The floral store of A. M. Murdoch was badly damaged in the big fire here June 22.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
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WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
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Carnation Blooms...
In Unlimited Quantities, Shipped to all points.
CHICAGO CARNATION CO., Joliet, Ill.
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WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Growers of CUT FLOWERS at Wholesale.
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Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of specia interest to young people. Elaborate in designing handsome and attractive. Inexpensive. Samples 4 cents in stamps.
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

We are the Oldest, Largest and Most Reliable Cut Flower Commission House in the West.

CUT FLOWER PRICE LIST.

	Per doz.
Beauties, long	$3.00 to $4.00
" medium	2.00 to 3.00
" short	.75 to 1.00
	Per 100.
Perle	$3.00 to $4.00
Bride, Bridesmaid	3.00 to 6.00
Meteor	3.00 to 6.00
Roses, our selection, assorted	3.00
Carnations, extra select fancy	2.00
Fancy Stock	1.25 to 1.75
Medium Grade	1.00 to 1.50

Kennicott Bros. Co.

42 and 44 E. Randolph Street,

CHICAGO, ILL.

CUT FLOWER PRICE LIST.

	Per 100.
Smilax	$15.00 to $18.00
Callas and Harrisii	10.00
Daisies	.50 to 1.00
Mignonette	1.00
Alyssum	.25
Sweet Peas	.40 to .75
Pæonies	5.00
Corn Flower	.40
Common Fern	.25
" " per 1000	2.00
5000 lots at	1.25

This year's customers must be ours next year. The VALUES we give are our best advertisements.

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SPECIAL PRICES!!!

FOR TEN DAYS ONLY.

Geraniums—Choicest varieties, true to name. Bruanti, best scarlet bedder (in quantity); S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, La Favorite, White Swan, Mme. Jaulin, Frances Perkins, Mme. Gaar. SINGLE—White Mme. Bruant, Dr. Jacoby, $2 25 per 100; $20.00 per 1000. Rose Geraniums, $1 50 per 100, strong 2½-in. Mme. Salleroi, strong 2-in., $1 50 per 100.

Coleus—Separate colors, beautiful varieties, $1.50 per 100, strong 2-in.

Ageratum—Princess Pauline, strong, 2-in., $1.50 per 100.

Fuchsias—Choicest varieties, 2-in., $1.50 per 100.

Alternanthera—Red and yellow, 2-in , $1 50 per 100.

Alyssum—2-in., $1.50 per 100.

Giant Comet Asters (true)—Pure white and mixed colors, $1.50 per 100.

25,000 2½-inch **Roses**, no finer stock grown. Brides, Perles, Meteors and Maids, $3.00 per 100. Kaiserin and Golden Gate, $4.00 per 100. Guaranteed satisfactory in every respect.

If you are in need of plants for stock order at once, with cash, please.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Cabbage!======Cabbage!

H. Succession, Early and Late Flat Dutch Drumhead Savoy and other varieties, field-grown plants. 15c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY, White Plume, Golden Self-Blanching, Giant Pascal, New Rose and other varieties. 10 acres will soon be ready. 15c per 100, $1.00 per 1000, $8.50 per 10,000. (Large enough now for transplanting at 75c per 1000.)

TOMATO, Stone Paragon, Royal Red and other varieties, field-grown, 15c per 100, $1.00 per 1000, $8.50 per 10,000.

Any of the above plants by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son. White Marsh, Maryland.

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Ready for delivery on and after June 20

MARIE LOUISE VIOLET PLANTS from soil,

at $20.00 per 1000. Clean, healthy stock.

L. R. LANE, - BABYLON, L. I.

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E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

During July and August we close at 5 p. m. CHICAGO.

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SURPLUS STOCK

CHEAP FOR CASH.....

1000	ROSE GERANIUMS, from 2½-inch pots	per 100, $2.00
500	GERANIUMS, assorted, from 3-inch pots	" 2.00
800	HELIOTROPES, from 2½-inch pots	" 2.00
300	LEMON VERBENAS, from 2½-inch pots	" 2.00
500	PETUNIAS, Double White, from 2½-inch pots	" 2.00
300	SMILAX, from 3-inch pots	" 2.00
200	GERANIUMS, Mme. Salleroi, from 3-inch pots	" 2.00
5000	CHRYSANTHEMUMS, all the new ones of last year	" 2.00
1000	LATANIA BORBONICA, from 2½-inch pots	" 3.00
6	LARGE FICUS ELASTICA, 8 feet high, 5 feet diameter, grown in tubs	each, 5.00
3	LARGE LATANIA BORBONICA, grown in half barrels, 5 feet diameter	" 8.00

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Write to **Walter Retzer & Co.**

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

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PLANTS...

Celery, Tomato, Cabbage, Peppers, Etc.

Cheap in Large Lots.

J. S. LINTHICUM, WOODWARDVILLE, A. A. Co., MD.

Surplus Stock.

4000 Marie Louise Violets, sand rooted cuttings, strong, free from all disease at $15.00 per 1000. Cash with order. Also have 4000 **CELERY PLANTS**, White Plume, strong plants, $3.00 per 1000.

C. LAWRITZEN, Rhinebeck-on-Hudson, N. Y.

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ST. JOSEPH, MO.

The florists of this city are all unanimous in expressing their satisfaction of the past year's business; all good stock has sold at higher prices and a much larger volume of trade done than in any one previous year. St. Joseph now has a population of 100,000, and has the best of railroad facilities and many new industries.

J. N. Kidd came here from Kansas City some few years ago, and has been most successful with his downtown store. He has introduced many new novelties in floral arrangements which attracts first-class trade.

L. J. Stuppy, with a range of 40,000 feet of glass, is a florist of the old school, and, besides doing a large retail store trade he grows plants extensively for the wholesale market. Mr. Stuppy is a very pleasant man to meet, a hard worker, and thinks he will spend a well-earned vacation this summer with his family among the lakes in Minnesota.

The firm of Krumm & Sons have dissolved partnership; the business is now being conducted under the name of Krumm Bros., with Mr. Krumm, Sr., retired. These young men have both push and ability, as their large and well arranged place fully demonstrates.

D. M. Reichard is the oldest florist in town and is doing good business with his 10,000 feet of glass, and without the expense of a store. His out-door grown stock is perfection, and makes us wish we could have summer the year round.

These gentlemen are all very sanguine of the future of the florist's trade in this part of the country and they have good reason to be, if present prosperity and good crops can be judged as a favorable omen.

H. J. M.

Young Beauty and Rose Plants

We offer the following stock subject to previous sale:
Plants are first class in every respect.

		Per 100	Per 1000
3000	Am. Beauties, 2-inch pots,	$6.00	$50.00
4000	Meteors, "	3.00	25.00
3000	Bridesmaids, "	3.00	25.00
4000	Brides, "	3.00	25.00

All orders will be shipped from Hinsdale; Ill.

BASSETT & WASHBURN,

Store, 76 and 78 Wabash Ave., CHICAGO, ILL. Greenhouses, Hinsdale, Ill.

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50,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect.
Only selected growth from flowering shoots used in propagating.

WOOTTON LA FRANCE AMERICAN BEAUTY GOLDEN GATE
3-inch pots, $3.00 per 100; 4 inch pots, $12.00 per 100.

METEOR, PERLE, BRIDESMAID, KAISERIN, SUNSET, BELLE SIEBRECHT, BON SILENE, MME. HOSTE, MERMET, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

ROSES, 'MUMS,

GOLDEN GATES, thrifty stock, from 2½-inch pots, **$4.00** per 100; **$35.00** per 1000.
BRIDESMAIDS, $3.00 per 100; **$25.00** per 1000.

From 2½-inch pots. **Mrs. Henry Robinson, Mrs. O. P. Bassett, Ivory, Frank Hardy, Major Bonnaffon, $2.50** per 100.
Willowbrook, best early White, **$4.00** per 100.

PHŒNIX CANARIENSIS, from 5 and 6-inch pots, **$3.00** per doz.; **$20.00** per 100.

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To Close Out...

METEORS	in 4, 3 and 2½-inch.
MAIDS	in 3, 2½ and 2-inch.
BRIDES	in 3 and 2-inch.
PERLES	in 3, 2½ and 2-inch.
KAISERIN	in 2½ and 2-inch.
LA FRANCE	in 2½ and 2-inch.
GOLDEN GATE	in 2½ and 2-inch.
BELLE SIEBRECHT	in 2½ and 2-inch.
WOOTTONS	in 3, 2½ and 2-inch.
SMILAX	in 2-inch.

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established.

23 Houses, 60,000 feet of glass.

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Send $1.00 for samples of what you want. That way you see what you get.
Satisfaction guaranteed.

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NEW SEEDLING ROSE WINNIE DAVIS.

This grand rose should be grown by every florist as a pot plant, or for forcing, being a cross between Kaiserin Aug. Victoria and Belle Siebrecht. Color, apricot pink, shading to a flesh tint; odor of a most delicious ripe fruit. Shape being oblong and well formed, when fully open resembling a sunburst, which is most striking and beautiful. A very free and vigorous grower and bloomer. Color never changes in dark weather like most colored roses. Magnificent light green glossy foliage. Strong thrifty plants, 2½-in. pots, **$5.00** per doz.; **$35.00** per 100.

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ROSE PLANTS.

METEOR, 3½-inch pots, **$5.00** per 100; **$40.00** per 1000.

Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.

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Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES, 3-inch, $4.00 per 100; $35.00 per 1000. 2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

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FORCING ROSES.

	2½-inch.	3½-inch.
Brides	$2.75 per 100	$4.00 per 100
Bridesmaids	2.75 "	4.00 "
Perles	3.00 "	4.50 "
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All other varieties. Send for lists.

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Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
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Merry Monarch	3.00	G. W. Childs	4.00
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Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
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	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
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In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

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Chrysanthemums

FOR ALL PURPOSES.

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Cullingfordii	Mrs. Jerome Jones
Glory of Pacific	Mrs. S. T. Murdock
Minerva	Mme. F. Bergmann
Ivory	Rose Owen
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And other varieties from 2½-in. pots, $2.00 per 100.

Aster Semple and Victoria Plants, from seed bed, 25 cents per 100, $2.00 per 1000.

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GENERAL GOMEZ, 15,000 Cuttings Ready. $5.00 per 100; $40.00 per 1000.

MRS. JAMES DEAN, $3.00 per 100; $25.00 per 1000.

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NOW READY. From 2½-inch Pots.

Mme. Barney, Countess de Castris, Mme. Jaulin, $3.50 per 100. Alphonse Riccard, $4.50 per 100. Mars, $5.00 per 100. Surprise, Marquese de Montmort, $4.00 per 100. John Doyle, $6.00 per 100. Double H. Jacoby, $10.00 per 100. IVY-LEAVED GERANIUMS. A Fine Collection from 2-in. Pots.

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From Pots, Ready Now.

$1.50 per 100; $15.00 per 1000.

Asparagus Plumosus

From 3-in. Pots, ready July 15th. $6.00 per 100; $50.00 per 1000.

You will make no mistake in sending me your order. This stock is of the same high quality as that furnished last season. Samples furnished to new customers if desired.

ALBERT M. HERR, Lancaster, Pa.

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	Per 100
10,000 Coleus, named, our selection, 2¼-in	$1.50
5,000 Geraniums, mixed, 2¼-in	1.50
3,000 Iresines, red and yellow, 2¼-in	1.50
1,000 Alternanthera, large leaved only, 2½-in.	1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
1,000 Fuchsias, mixed, 2¼-in	1.50
300 Asparagus Plumosus, 7-in	20.00

CASH.

The Morris Floral Co.

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Wholesale Florist.

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Wholesale Florists,

RICHMOND, INDIANA.

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Smilax.

	Per 100
Fine plants, 2-in. pots, $8.00 per 1000.	$1.00
Asparagus Sprengeri, 2-in. pots	3.00
Plumosus Nanus	4.00
Primroses, July 1, Chinese, Forbesi, Obconica, Grandiflora and Rosea	2.00
Pansy Seed, large flowering, August 1, per oz	4.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

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VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000.

Geraniums. S. A. Nutt and Bruanti, $6.00 per 100; 3-in., $3.50 per 100, including Salleroi.

Roses in 3-in. pots, ready to plant, $4.00 per 100; $35 00 per 1000. **Red and Yellow Alternanthera,** $2.00 per 100; $15.00 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

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Carnations.

F. DORNER & SONS CO.

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Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

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The New Mammoth Single Scarlet Geranium. Bruant Type, **Sells at Sight**

$3.00 Per Doz.

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FIELD GROWN CARNATIONS

Orders booked now for fall delivery.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons. Robt. George, Souv. de Bonn, Eclipse, $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.
See Chrysanthemum, Geranium, Begonia, Salvia, Petunia, Verbena, Fuchsia, Smilax.

Abutilon, var. trailing, 2¼-in., $4.00 per 100; R. C., $1.50 per 100.
Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

AGERATUM.

Ageratum, blue and white, $1.00; Princess Pauline, $1.25 per 100.
Greene & Underhill, Watertown, N. Y.

Princess Pauline, 2-in., $1.50 per 100.
South Side Floral Co., Springfield, Ill.

ALTERNANTHERA.

Red and yellow alternanthera, $2.00 per 100; $15.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Alternantheras, red and yellow, 2-in., $1.50 per 100.
South Side Floral Co., Springfield, Ill.

2-in. pots, P. Major, $1.75 per 100; A. Nana, $1.50 per 100 cash.
C. A. Harris & Co., Delanson, N. Y.

1000 alternantheras, large leaved only, 2½-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

Alternanthera, P. major and A. nana, $2.00 per 100. S. Muir, 3530 Michigan Ave., Chicago.

Alternanthera, 2¼-in., $2.50 per 100; $20.00 per 1000. Greene & Underhill, Watertown, N. Y.

ALYSSUM.

Alyssum, Dbl. Giant, $1.00; var., $1.25 per 100. Greene & Underhill, Watertown, N. Y.

Alyssum, 2-in., $1.50 per 100.
South Side Floral Co., Springfield, Ill.

Giant double alyssum, 3-in., $3.00 per 100.
E. J. Cloud, L. B. 32, Avondale, Pa.

ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Sprengeri from 2-in. pots, 5 to 7 growths, $2.50 per 100; from seed pans, 2 to 3 growths, $1.50 per 100, postpaid. Cash please.
C. S. Tait, Brunswick, Ga.

Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
J. B. Heiss, Dayton, Ohio.

Asparagus Sprengeri, 2-in., $3.00 per 100. A. plumosus nanus, 2-in., $4.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, large, strong plants ready for 4-in. pots, $8.00 per 100.
Robert Mann, 1258 S. Wash av., Lansing, Mich.

Asparagus Plumosus, from 3-in. pots, ready July 15, $6.00 per 100; $50.00 per 1000.
A. M. Herr, Lancaster, Pa.

Sprengeri, 2-in., $3 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila, Pa.

300 Asparagus plumosus, 7-in., $20.00 per 100. Cash. Morris Floral Co., Morris, Ill.

Asparagus plumosus nanus clumps, $15.00 per 100. Groves Bros., Carthage, Ohio.

20,000 Asparagus plumosus seed, crop of 1900.
Cottage Nursery, San Diego, Cal.

Asparagus Sprengeri, 2-in., $3.00 per 100.
C. Winterich, Defiance, Ohio.

Sprengeri, 2-in., $2 per 100.
A. G. Fehr, Belleville, Ill.

ASTERS.

Fine, stocky plants from the field. Ostrich Feathers, Queen of the Market, Semple's, Victoria, Vick's and Truffaut's Perfection, 35c per 100; 300 for $1.00; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Smilax and Vegetables.

Semple's Asters, separate colors, $2.75 per 1000; mixed, large percentage white, $2.00 per 1000; Queen of the Market (earliest), mixed, $2.50 per 1000. Express paid. A. & G. Rosbach, Pemberton, N. J.

Semple and Victoria plants, from seed bed, 25c per 100; $2.00 per 1000. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Giant Comet asters (true), pure white and mixed colors, $1.50 per 100.
South Side Floral Co., Springfield, Ill.

Queen of the Market, strong, from soil, $1.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

Semple's asters, 4 colors, strong plants, 35c per 100; $2.00 per 1000; delivery free.
E. A. Wallis, Jenkintown, Pa.

Semple's asters, mixed, $2.00 per 100.
C. Otto Schwabe, Jenkintown, Pa.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, $4.00 per 100 by mail; $25.00 per 1000. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BASKET AND VASE PLANTS.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; $4.50 per 100.
The Calla Greenhouses, Calla, Ohio.

BEDDING PLANTS.

Coleus, in choice variety, 2½-in. pots, $2.50 per 100; Verbenas in bud and bloom, 2½-in. pots, $2.50 per 100; Geraniums, in fine variety, strong, 3½-in. pots, $6.00 per 100; Dwarf Marigolds, in bud, 2½-in. pots, $2.50 per 100; Tall Marigolds, from flats, $1.50 per 100; Single Petunias, Thorburn's superb strain, stocky plants in bloom, $3.00 per 100; Nasturtium, dwarf, fine stocky plants, 2½-in. pots, $2.50 per 100; Fuchsias, in bud and bloom, 4-in. pots, $8.00 per 100; Lobelia, compacta and trailing, in bud and bloom, $2.00 per 100.
Louis C. Pilat, Sing Sing, N. Y.

Bedding plants cheap. Geraniums, 25 varieties, assorted; Fuchsias, 6 varieties; Lantanas, Cigar Plants, Verbenas, Coleus, Salvias, Petunias, double and single; Heliotropes, Thunbergias, Lobelias, Ricinus, Cannas, Caladiums, Myrtle, Var. Funkias, Var. Vinca, Marigold, Asters, Balsam. Mix you up 12 of these at 65c; $5.00 per 100; $40.00 per 1000, out of 3½ and 4-in. pots; 30c per doz., $2.00 per 100, out of 2 and 2½-in. pots. K. E. Juul, Cor. Chestnut and Walnut Sts., Elizabeth, N. J.

2,000 Geraniums, $6.00 per 100, 4-in., Grants, Poitevines and Nutts; 1000 3-in, $5.00 per 100. 1500 Coleus, 2½-in., assorted, $3.00. 200 Fuchsias, 3 and 3½-in., $4.00. 200 Vincas, 5 in., 4 in., and 3-in., 15c to 6c. Lot extra fine Dracaena indivisa, 3 and 3½-ft., also lot 4-in., from 75c to $1.00 each. 500 Cannas, C. Henderson, Florence Vaughan, and others, 3½ and 4-in, $5.00; all out of pots. Theodore Searles, Florist, Port Chester, N. Y., P. O. Box 303.

Alternanthera. Strong, 2¼-inch, 2½c; Nana and Amabilis, 2c. Coleus, Golden Bedder, Verschaffeltii and Mixed, 2½-in., 2c. Centaurea Gymnocarpa Candidissima, 2½-in., 1½c; Cobea, 3c; Caladium Esculentum, from sand, 2c; from pots, 4c; Large Egg Plants, 2 to 3c; Vinca, 3 to 5c; Salvia, 3-in., 3c; Cocos Palm, 10 ft., $15.00. Cash. Jos. J. Braun, Englewood, N. J.

100 santolinas, 2-in., $2.00. 200 coleus, brightest colors, 3-in., $2.00 per 100.
C. G. Nanz, Owensboro, Ky.

BEGONIAS.

Begonias Alba picta, Fuchsioides, Dewdrop, Alba perfecta. Fine plants from 3-in. pots, $2.25 per 100.
Fairview Floral Co., Beatty, Ohio.
See Chrysanthemum, Geranium, Abutilon, Salvia, Petunia, Verbena, Fuchsia, Smilax.

Rex Begonias, fine strong plants, 2½-in, pots, just ready for a shift. Magnificent, Indianapolis, Mystery, Elegans and Whittier, $5.00 per 100. Cash. Floracroft Gardens, Moorestown, N. J.

Mixed Rex or flowering, 2, 3 and 4-in., 3c, 5c and 10c each. Cash.
Dann & Son, Westfield, N. Y.
See Coleus.

2000 mixed begonias, 1000 Erfordi and 1000 red vernon in 2¼-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

Begonia Rex, 2¼-in., $4.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Rex, 3-in., mixed, $6 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

BOUGAINVILLEA.

B. Sanderiana, to plant out, 2-in., $2 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

Send in your order now for a copy of the Florists' Manual.

BOUVARDIAS.

Bouvardia, 2-in., $3.00 per 100. McCrea & Cole, Battle Creek, Mich.
See Smilax and Ferns.

"The classified advs. are a great convenience," is the verdict of the buyers.

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Freesia bulbs, for immediate delivery.

¼ to ⅜-inch diameter	$0.75 per 1000
⅜ to ½-inch diameter	1.75 per 1000
½ to ¾-inch diameter	3.50 per 1000

The smaller bulbs will prove as satisfactory as the larger if planted early. Johnson & Musser Seed Co., Los Angeles, Cal.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Now booking orders for CALLAS and FREESIAS. Send for our quotations and surplus list of palm and other California seeds.
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Forcing Bulbs. We are prepared to quote prices on your probable needs. Send list and get estimate. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

20,000 Freesia Bulbs for sale cheap.
Cottage Nursery, San Diego, Cal.

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Plants of fancy-leaved caladiums, from 2½-in. pots, at from $6.00 to $25.00 per 100. Also a few slightly started bulbs of good size and A1 kinds at a bargain. For particulars address, F. J. Ulbricht, L. B. 113, Anniston, Ala.

100 Caladium esculentum, 4-in., $5.00.
C. G. Nanz, Owensboro, Ky.

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CANNAS.

Crozy and Queen Charlotte, 4 and 5-in., $1.00 per doz. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Austria, Burbank and other varieties, strong plants from 3¼-in. pots, $6 per 100.
Wood Bros., Fishkill, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

CARNATIONS.

New carnations now ready. G. H. Crane, the best scarlet ever introduced, and Gen. Maceo, the best crimson, $6 per 100, $50.00 per 1000; Gen. Gomez, $5.00 per 100, $40.00 per 1000; Mrs. James Dean, $3.00 per 100, $25.00 per 1000.
The Cottage Gardens, Queens, N. Y.

A fine lot of rooted cuttings of the following: Mayor Pingree, Bon Ton, Wellesley, Armazindy, Jubilee and Genesee, $2.00 per 100. Buttercup (fine) $3.00 per 100.
Jos. Renard, Unionville, Chester Co., Pa.

Orders now booked for fall delivery of field grown carnation plants. Geo. Hancock & Son, Grand Haven, Mich.

Carnations, novelties and standard sorts. Catalogue free. F. Dorner & Sons Co., LaFayette, Ind.

Orders booked for field-grown carnation plants. E. J. Cloud, L. B. 32, Avondale, Pa.

CHRYSANTHEMUMS.

Adula, Eclipse, Idavan, Kuno, Mrs. Barr, Meta, Mrs. F. A. Constable, Nagoya, Silver Wedding, W. H. Chadwick, Xeno, Pennsylvania, Philadelphia. Price, from 2¼-in. pots, $6.00 per 100.

Autumn Glory, Black Hawk, Dolores, Dorothy Devins, Eureka, Elvena, Evangeline, Golden Trophy, G. F. Atkinson, G. W. Childs, Golden Wedding, H. W. Longfellow, J. H. Woodford, H. L. Sunderbruch, Iora, Lany Fitzwygram, Marcia Jones, Mrs. H. Weeks, Minnie Wanamaker, Miss Helen Wright, Maude Adams, Mrs. S. T. Murdock, Mrs. Perrin, Miss M. M. Johnson, Maud Dean, Modesto, Mrs. O. P. Bassett, Nemesis, Pitcher & Manda, Pink Ivory, Pride, Surprise, Viviand-Morel, Yellow Fellow. Price, from 2¼-in. pots, $3.50 per 100, $30.00 per 1000.

Ada Spaulding, Belle of Castlewood, Benj. M. Giroud, Cullingfordii, Gladys Spaulding, Glory of the Pacific, Helen Bloodgood, Harry May, Ivory, J. E. Lager, J. H. Troy, Mrs. Jerome Jones, Merry Monarch, Marion Henderson, Major Bonnaffon, Mrs. S. Humphreys, Marguerite Graham, Mme. Ferd. Bergmann, Minerva, Mrs. H. Robinson, Niveus, Riverside, Rose Owen, T. B. Morse, Thos. H. Brown, W. H. Lincoln. Price, 2¼-in. pots, $3.00 per 100; $27.00 per 1000.
Wood Bros., Fishkill, N. Y.

White—Ivory, Midge, Bergmann, Robinson, Wanamaker, Kalb, Woodford, Independence, Weeks, Frank Hardy, yellow—Golden Trophy, Henderson, Johnson, O. P. Bassett, Whilldin, Modesto, Yellow Queen, Bonnaffon, Lincoln, Sunderbruch, pink—Maud Dean, Montmort, Glory of Pacific, Morel, Perrin, Murdock, bronze—Chas. Davis, red—Geo. W. Childs, out of 2½-in. pots, $2.00 per 100; $18.00 per 1000. Also, white—Lady Fitzwygram, Mayflower, Chadwick, Western King, yellow—Golden Wedding, Yellow Jones, W. H. Reiman, Pennsylvania, pink—Autumn Glory, red—Defender, Schrimpton, bronze—Lady Hanham, out of 2½-in. pots, $2.50 per 100; $22.50 per 1000. 500 or more at 1000 rate. Cash or C. O. D. Poehlmann Bros., Morton Grove, Cook Co., Ill.

I offer to the trade my fine young stock of 'Mums, out of 2½-inch pots. Early White. Lady Fitzwygram, Bergmann, Robinson, Ivory. Early Yellow. Lager, Golden Trophy, Whilldin, Mrs. O. P. Bassett. Early Pink. Glory of Pacific, Rose Owen, Pink Ivory. Midseason and Late. Mrs. Perrin, pink; Autumn Glory, pink; Mode to, yellow; Bonnaffon, yellow; Dailledouze, yellow; Niveus, white; Mrs. H. Weeks, white; Rob. Halliday, yellow; Mrs. L. D. Black. At $2.50 per 100. Philadelphia, Pennsylvania, Adula and some more newer kinds, at $5.00 per 100. Cash, please. Chas. Zimmer, West Collingswood, N. J.

Cullingsfordii, Glory of Pacific, Minerva, Ivory, Mrs. Whilldin, Mrs. Jerome Jones, Mrs. S. T. Murdock, Mme. Bergmann, Rose Owen, The Queen and other varieties from 2½-in. pots, $2.00 per 100. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

For Sale or Exchange: Golden Wedding, Mrs. Robinson, Mrs. E. G. Hill, Edith Smith, Marion Henderson, Dailledouze, and other varieties. Rooted cuttings and from 2¼-inch pots, $2.00 per 100. A. D. Montgomery, Hazleton, Pa.

Chrysanthemums, now is the time to plant them. We are offering extra fine, vigorous plants from 2 and 2½-in. pots. Everybody likes them. For varieties and price see display adv. in this issue.
H. Weber & Sons, Oakland, Md.

Mrs. Henry Robinson, Mrs. O. P. Bassett, Major Bonnaffon, Frank Hardy and Ivory, 2½-in. pots, $2.50 per 100. Willowbrook, best early white, $4.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

A nice a sortment of chrysanthemums at $1.50 per 100. Fairview Floral Co., Beatty, O.
See Geranium, Begonia, Abutilon, Salvia, Petunia, Verbena, Fuchsia, Smilax.

Chrysanthemums. Rooted cuttings, only money making varieties, $1.00 per 100; $9.00 per 1000; from 2½-in. pots, $2.00 per 100.
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4-in., $6.00, 3-in., $4.00, 2½-in., $2.00 per 100. All strong plants. Cash with order.
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Choicest varieties true to name. Bruantii, best scarlet bedder, S. A. Nutt, Beaute Pointevine, Mrs. E. G. Hill, La Favorite, White Swan, Mme. Jaulin, Frances Perkins, Mme. Gaar; singles—white Mme. Bruant, Dr. Jacoby, at $2.25 per 100; $20.00 per 1000. Rose Geraniums, strong 2½-in., $1.50 per 100. Mme. Salleroi, strong 2-in., $1.50 per 100. Cash.
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Geraniums from 2½-in. pots now ready. Per 100. Mme. Barney, Countess de Castris, Mme. Jaulin, $3.50, Alphonse Riccard, $4.50, Mars, $5.00, Surprise, Marquis de Montmort, $4.00, John Doyle, $6.00, Double H. Jacoby, $10.00. Ivy-leaved geraniums, a fine collection from 2-in. pots. The Cottage Gardens, Queens, N. Y.

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Strong 4-in., with buds and flowers, $6.00 per 100. Cash.
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Geraniums, 3-in., in bud and bloom, $3.00, Mme. Salleroi, 2½ and 3-in., $2.50 per 100.
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Apple geraniums, 2½-in., strong, 3c.
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Ampelopsis variegata (variegated grape), one of the most desirable hardy climbers. Foliage, green, white and pink, furnished in autumn with berries white to dark purple in color; rapid grower and sprays work in to good advantage for bouquets and floral designs. Strong plants, $1.50; rooted cuttings, 50c per doz., delivery prepaid. Samples, 10c in stamps.
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25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list.
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An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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1000 Perennial Phlox, good assortment, strong, 2-in. pots, $2.00 per 100; the 1000 for $15.00 cash. C. G. Nanz, Owensboro, Ky.

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Moonvines, 3-in., with runners, $3.00 per 100.
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Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.
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5	18-20	5-6	.40	3.50	32.00
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These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
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6 large Ficus elastica, 8 ft. high, 5 ft. in diameter, grown in tubs, $5.00 each. 6 large Latania borbonica, 5 ft. in diameter, grown in half-barrels, $8.00 each. 1000 Latania borbonica, from 2½-in. pots, $3.00 per 100.
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Fresh seeds and in fine condition. Kentias Belmoreana and Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. Licuala grandis at $3.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Pandanus Veitchii, cool grown, handsome plants, 7-in. pots, $1.50 each.
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Phoenix canariensis, 5 and 6-in., $3.00 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

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Areca lutescens, Kentias Belmoreana and Forsteriana. Jo . Heacock, Wyncote, Pa.

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Pansies. Small plants all sold; none but flowering plants from field at $2.00 per 100 and up. C. Soltau & Co., 199 Grant ave., Jersey City, N. J.

Pansies, Dreer's Royal Exhibition, cold-frame grown, 3-in., $2.50; 2½-in., $2.00 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

Good pansy plants, from cold frames, just beginning to bloom, $1.25 per 100; $10.00 per 1000. S. Muir, 3530 Michigan av., Chicago.

Pansy plants, in bloom, $1.50; in bud, $1.00 per 100; $8.00 per 1000.
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500 in 5 and 6-inch pots, for sale. Eugene Murray, 162 Jewett Avenue, Jersey City, N. J.

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Double petunias, mottled varieties, in bloom, $2.00 per 100.
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See Geranium, Chrysanthemum, Begonia, Abutilon, Salvia, Verbena, Fuchsia.

Single petunias, choice mixed, 2½-in., $2.00 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

Petunias, single, 2¼-in., $3.00; 3-in., $4.00. Dbl., 2¼-in., $6.00; 3-in., $8.00.
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500 petunias, double white, $2.00 per 100.
James Morton, Clarksville, Tenn.

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Chinese, obconica grandiflora and rosea, Forbesi, ready July 1, $2.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

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Forcing Roses. This is not surplus stock, it has been grown especially for winter blooming, and will give satisfaction to the most critical buyers.

	Per 100
American Beauty, 3-in.	$7.00
Bride, 3-in.	4.00
Bride, 4-in.	6.00
Bridesmaid, 2½-in.	3.00
Bridesmaid, 4-in.	6.00
Perles, 3-in.	4.00
Meteor, 2½-in.	3.00
Mme. C. Testout, 2½-in.	3.00
Golden Gate, 2½-in.	3.00
Golden Gate, 3-in.	4.00
Maid of Honor, 2½-in.	3.00
Maid of Honor, 3-in.	4.00
Souv. de Wootton, 3-in.	4.00

Cash with order.
H. W. BUCKBEE, ROCKFORD, ILL.
See Fern.

Gilt edged stock, grown from select wood and will satisfy the most critical buyer.

3-inch Pots.	Per 100.	Per 1000.
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Perle	6.00	50.00
Bridesmaid	6.00	50.00
Bride	6.00	50.00
Meteor	6.00	50.00
Kaiserin A. Victoria	6.00	50.00
Liberty	40.00	....

This stock is now in extra fine growing condition, ready for immediate planting. Terms, cash with order or satisfactory reference.
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20,000 Roses for sale. American Beauties, 3½-in., $8.50 per 100; $75.00 per 1000; 3-in., $7.00 per 100; $65.00 per 1000. Kaiserin, Golden Gate, 3½-in., $5.00 per 100; $45.00 per 1000; 3-in., $3.50 per 100; $30.00 per 1000. Perles, 3½-in., $4.50 per 100; $40.00 per 1000. 3-in., $3.50 per 100; $30.00 per 1000. Brides, Maids, Meteors, Garretts and a few Mermets, 3½-in., $4.50 per 100; $40.00 per 1000. These are all fine plants. Send for sample. Cash with order. Mrs. J. W. Crouch, Chattanooga, Tenn.

	—2½-inch pots—		—3-inch pots—	
	Per 100	Per 1000	Per 100	Per 1000
Bride	$3.00	$25.00	$5.00	$45.00
Maids	3.00	25.00		
C. Soupert	3.00	25.00	5.00	45.00
Niphetos	3.00			
Mosella	3.00	25.00		
Mme. Chatteneux.	3.00	25.00		
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New seedling rose "Winnie Davis." Every florist should grow this grand rose either as a pot plant or for forcing. The color is apricot pink shading to a flesh tint and the odor is as of delicious ripe fruit. A free and vigorous grower and bloomer, and color never changes in dark weather like most colored roses. Magnificent light-green glossy foliage. Strong, thrifty plants, 2½-in., $5.00 per doz.; $35.00 per 100. Nanz & Neuner, 582 Fourth av., Louisville, Ky.

We offer the following stock subject to previous sale. Plants are first class in every respect.

	Per 100.	Per 1000.
3000 Am. Beauties, 2-in.	$6.00	$50.00
4000 Meteors, 2-in.	3.00	25.00
3000 Bridesmaids, 2-in.	3.00	25.00
4000 Brides, 2-in.	3.00	25.00

All orders will be shipped from Hinsdale, Ill. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

ROSE PLANTS	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Only selected growth from flowering shoots u ed in propagating. Wootton, La France, American Beauty and Golden Gate, 3-in., $8.00, 4-in., $12.00 per 100. Meteor, Bridesmaid, Sunset, Bon Silene, Mermet, Perle, Kaiserin, Siebrecht, Mme. Hoste and Bride, 3-in., $7.00, 4-in., $10.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

I have on hand good, strong, healthy plants, from 3-inch pots; 1300 Kaiserin, 600 Maid, 2000 Bride, 450 La France, 500 Meteor Roses. From 4-inch pots, 100 Hermosa. What will you give me for what you want from this stock?
M. F. La Roche, Agt., Collingdale, Pa.

Bridesmaid, Bon Silene, Catherine Mermet, Duchess of Albany, Golden Gate, Maid of Honor, Perle des Jardins, Sunset, The Bride, from 2¼-in. pots, $4.00 per 100, $38.00 per 1000; from 3-in. pots, $7.00 per 100; $60.00 per 1000.
Wood Bros., Fishkill, N. Y.

Grafted roses, American Beauty, Kaiserin, Golden Gate, $10.00 per 100. Own roots, from grafted stock, Golden Gate, Kaiserin, Meteor, strong stock ready for 3½-in. pots, $4.00 per 100; $35.00 per 1000.
S. J. Reuter, Westerly, R. I.

Philadelphia roses. Kaiserin, strictly first-class stock out of 2½-in. pots. Brides and Maids, 3-inch. Also extra strong plants of American Beauty, 3 and 4-inch pots. Myers & Samtman, Chestnut Hill, Philadelphia, Pa.

Bridesmaids and Brides, 3-in., $4.00 per 100; $35.00 per 1000. Meteors, 2½-in., $2.50 per 100. Stock in excellent shape for benching immediately. Cash or C. O. D. Poehlmann Bros., Morton Grove, Cook Co., Ill.

On account of poor health I would like to sell out and I offer Bridesmaids, Brides and Perles in 3-in., at $3.00 per 100. Meteors, 2½-in., $2.50 per 100. Good, strong stock.
Chas. Handel, Batavia, Ill.

3000 2½ and 3-in. Brides, 3000 2½ and 3-in. Maids, 500 2½ and 3-in. Meteors, all at $3.00 per 100, $25.00 per 1000. Stock in good, healthy condition. Order now.
Frey & Frey, Lincoln, Neb.

1000 4-inch and 700 3-inch Bridesmaids, 300 3-in. Mme. Chatenay, 300 4-in. and 300 3-in. Golden Gate. Fine clean stock. Low price on application. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Rose plants. Good healthy stock. Brides, Kaiserins and Bridesmaids, 2½-in., $3.00 per 100; $25.00 per 1000; 3-in., $4.00 per 100; $35.00 per 1000. Cash. M. A. Magnuson, 3309 No. Western Ave., Chicago.

Meteor rose plants, potted and repotted four times; vigorous and unusually fine. 3½-in., $5.00 per 100; $40.00 per 1000. Packed to safely ship any distance. Brant & Noe, Forest Glen, Chicago, Ill.

Brides, Maids, Meteors and Perles, 2½-in., $3.00 per 100. Kaiserin and Golden Gate, 2½-in., $4.00. Guaranteed satisfactory in every respect.
South Side Floral Co., Springfield, Ill.

Brides and Maids, 4-inch, $5.00 per 100; $45.00 per 1000. 2½-in., $3.00 per 100; $25.00 per 1000. 2-inch, $2.50 per 100. Careful packing. Light boxes.
P. Cosgrove & Son, Madison, N. J.

Forcing roses. Per 100. Brides and Bridesmaids, 2½-in., $2.75; 3½-in., $4.00; Perles and Sunsets, 2½-in., $3.00; 3½-in., $4.50. All other varieties. Send for lists.
National Plant Co., Dayton, Ohio.

Rose plants, in 3-in. pots, nice and strong. Bridesmaid, Bride and Kaiserin, $4.00 per 100; $35.00 per 1000. Mercer Floral Co., Carl B. Taube, Proprietor, Trenton, N. J.

Golden Gates. Thrifty stock from 2½-in., $4.00 per 100; $35.00 per 1000. Bridesmaids, $3.00 per 100; $25.00 per 1000. W. B. Sands, Lake Roland, Baltimore, Md.

Bride, Bridesmaid, C. Soupert, Etoile de Lyon, Meteor, La France, $2.00 per 100; $20.00 per 1000. Cash.
Jos. Lalhr & Sons, Springfield, Ohio.

Extra fine, clean, growing stock of Brides, Maids, Meteors, Golden Gate. 4-in., $6.00; 3-in., $4.00 per 100. Beauties, 3-in., $5.00 per 100.
Carl Hagenburger, W. Mentor, Ohio.

American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, Niphetos, Kaiserin, 3, 3½ and 4-inch.
A. S. MacBean, Lakewood, N. J.

500 Brides and 500 Bridesmaids in 2½-in. pots, strong, healthy stock at $2.00 per 100 to close out. B. Frank Barr, Lancaster, Pa.
See Smilax.

First-class stock, per 100: Beauties 2½-in., $5.00; 3-in., $7.00. Brides and Maids, 3-in., $4.00. Allen & Ockerlund, 116 Winona av., Chicago.

300 Bridesmaid, 150 Brides, 150 Perles, 2½-inch pots, $2.50 per 100. Cash. Good, clean stock. John White, Florist, Elizabeth, N. J.

Kaiserin, "grafted," 3-in.; Beauty, "own roots," 3-in. All fine, clean stock. Send for prices. Robert Simpson, Clifton, N .J.

Bride and Bridesmaid Roses. From 3½-inch pots at $4.00 per 100. James E. Beach, 2019 Park Ave., Bridgeport, Conn.

1500 Bridesmaids in 3-in., guaranteed to be strictly first-class at $3.50 per 100. G. Van Bochove & Bro., Kalamazoo, Mich.

To close out will make a special price on roses in 2, 2½ 3 and 4-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Roses in 3-in. pots ready to plant, $4.00 per 100; $35.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Kaiserin and Carnot rose plants, $2.50 per 100. Out of 2½-in. pots. Extra fine stock.
Cole Bros., Peoria, Ill.

A few 2-in. Meteors left; ready for shift, $2.00 per 100. T. E. Bartram, Lansdowne, Pa.

Kaiserin roses, grafted, 2½-in pots, $10.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester. N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

Gen. Jacqueminot, 5-in. pots, $15.00 per 100.
Groves Bros., Carthage, Ohio.

Perles, 2½-in., $3.00 per 100.
J. M. Smely, Aurora, Ill.

SALVIA.

Salvia variegata, 2-in., $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.
See Chrysanthemum, Begonia, Abutilon, Petunia, Verbena, Smilax, Geranium.

Salvia, 2¼-in., $2.50; 3½-in., $4.00; R. C., $1.25 per 100. Greene & Underhill, Watertown, N. Y.

SEEDS.

XXX Seeds. Chinese Primrose; finest large-flowering fringed, single and double, thirteen varieties, mixed, 500 seeds, $1.00; ½ packet, 50c. Cineraria Grandiflora Nana, the finest large-flowering dwarf varieties, very showy, in choicest mixture, 1000 seeds, 50c. Primula Obconica Grandiflora Hybrida, the very finest of the improved Obconicas; large-flowering and choice colors, truly grand, 1000 seeds, 50c. Pansy—Finest giants, the finest large-flowering varieties to be had; best colors and strong growing, 3500 seeds, $1.00. A packet of the grand new Forget-Me-Not "Triumph" added to every order. The home of Primroses, John F. Rupp, Shiremanstown, Pa.

Primula sinensis from best European growers. All the leading varieties in separate colors or mixed. Trade pkt. (250 seeds), 50c; double, red, white or separate, 50c. Cineraria or Calceolaria, 50c. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

Zirngiebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. New crop seed ready July 1.
D. Zirngiebel, Needham, Mass.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, large flowering, ready Aug. 1, $4.00 per oz. Jos. H. Cunningham, Delaware, Ohio.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Mice-proof seed cases and drawers. Send for catalogue. Heller & Co., Montclair, N. J.

SMILAX.

2¼-in. pots, $1.25 per 100; $10.00 per 1000. Ca h. W. G. Kraber, 37 Tremont St., New Bedford, Mass.
See Heliotropes and Violets.

String your Smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston. Mass.

Strong, bushy plants, 2½ and 3-in. pots, 75c per 100; $6.00 per 1000. Cash with order.
R. Kilbourn, Clinton, N. Y.
See Vegetables.

Smilax, 2-in., $1.00 per 100; $8.00 per 1000. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Smilax, nice bushy plants, 2½-in., $2.50 per 100; $22.50 per 1000. Cash.
E. J. Cloud, L. B. 32, Avondale, Pa.

SMILAX—Continued.

Smilax, 2-in., $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.
See Geranium, Chrys., Begonia, Abutilon, Salvia, Petunia, Verbena, Fuchsia.

Strong 2½-in. plants, bushy, $1.50 per 100.
B. Frank Barr, Lancaster, Pa.
See Roses.

Smilax from flats, 45c per 100; 2½-in. pots, $1.25 per 100.
Monroe Greenhouse, Monroe, Mich.

From flats, 50c per 100; 2-in. pots, $1.50 per 100. Cash with order.
F. Boerner, Cape May City, N. J.

Strong 2-in. smilax, $1.25 per 100; $10.00 per 1000. 3-in., ready to run, very strong, $3.00 per 100. C. Humfeld, Clay Center, Kan.

Strong seedlings from flats, 40c per 100, $3 per 1000. J. C. Schmidt, Bristol, Pa.
See Asters and Vegetables.

Smilax, $2.50 per 100.
McCrea & Cole, Battle Creek, Mich.
See Bouvardias and Ferns.

Smilax, from 2½-in., $2 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

Smilax from pots, $1.50 per 100; $15.00 per 1000. A. M. Herr, Lancaster, Pa.

300 smilax from 3-in. pots, $2.00 per 100.
James Morton, Clarksville, Tenn.

Smilax from 2-in. pots, $1.25 per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, 2-in., $2.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Smilax, 3-in., strong, $2.50 per 100.
W. C. Rockwell, Bradford, Pa.

STEVIA.

Stevia (dwarf), for winter flowering. No florist can afford to be without it. Strong plants, 2½-in. pots, $3.00 per 100, $25.00 per 1000; strong rooted cuttings, $1.50 per 100. Cash. W. S. Herzog, Morris Plains, N. J.

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Fine, large plants ready to set out. Cabbage, five leading varieties, $1.00 per 1000. Brussels Sprouts, $1.00 per 1000. Cauliflower, H. Early Snowball, $1.50 per 1000. Peppers, Bullnose and other varieties, $1.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Asters and Smilax.

50,000 cabbage plants, ready to plant, Winningstadt, All Head Early, Charleston, Flat Dutch, Danish Ball Head, Surehead, Drumhead, etc., $1.00 per 1000 by express. Stone tomato plants, $1.00 per 1000. W. D. Chase & Son, New London, Ohio.

Sweet potato plants. Southern Queen, Red and Yellow Yams, $1.00 per 1000. Cabbage plants. Premium Flat Dutch and large, late Drumhead, $1.00 per 1000.
James Morton, Clarksville, Tenn.

Sweet potato plants. White Queen, Red Bermuda, Jersey Red and Yellow, 25c per 100; $2.00 per 1000. Brazilian, 35c per 100. If by mail add 10c per 100.
E. P. Hall, Shelbyville, Ky.

Cabbage plants. Strong, stocky, just right for planting. Selected Drumhead, Flat Dutch, etc., etc., $1.00 per 1000; $4.00 per 5,000. Tomato plants, $1.00 per 1000.
Richard Insall, Moorestown, N. J.

Cabbage Plants. Premium Flat Dutch and Late Drumhead, fir t-class plants at 15c per 100, $1.00 per 1000, $8.50 per 10,000.
Davis & Weiss, Bloomsburg, Pa.

Tomato plants, Stone, Perfection, Paragon, $1.00 per 1000. Cabbage plants, Early Jersey Wakefield, Early Summer, Succession, $1.00 per 1000. M. E. Hargadine, Felton, Del.

Celery plants in eight varieties and in any quantity. Extra selected, stocky plants, $1.50 per 1000. Cash. W. S. Herzog, Morris Plains, N. J.

Cabbage, celery, tomatoes, etc. For varieties and prices see display adv. in this issue.
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Cabbage plants, best varieties, fine strong plants, $1.00 per 1000.
R. Kilbourn, Clinton, N. Y.

Celery Plants, only $1.00 per 1000. Cabbage and potted strawberry plants.
Slaymaker & Son, Dover, Del.

Celery, tomato, cabbage, pepper, etc. Cheap in large lots. J. S. Linthicum, Woodwardsville, A. A. Co., Md.

4000 strong White Plume celery plants, $3.00 per 1000. C. Lawritzen, Rhinebeck, N. Y.
See Violets.

VERBENAS.

Best Mammoths, strong pot plants, $3 per 100; $25 per 1000. Older Mammoths, strong plants, $2.50 per 100; $20 per 1000.
Wood Bros., Fishkill, N. Y.

Mammoth verbenas, fine, healthy plants, 2½-in., $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.

300 Lemon verbenas from 2½-in. pots, $2.00 per 100. James Morton, Clarksville, Tenn.

Lemon verbena, R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

VINCAS.

Variegated, 3-in., and flowering, pink and white, $2.50 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Vinca var., per 100: 2½-in., $2.50; 4-in., $6.00; 6-in., $15.00. Cash.
Geo. Bischoff, Ann Arbor, Mich.

200 periwinkles, 2-in., $2.00 per 100.
C. G. Nanz, Owensboro, Ky.

VIOLETS.

Last offer of good, healthy rooted runners. Lady H. Campbell, Swanley White, California, Princess of Wales, 75 cts. per 100; $5.00 per 1000. Not less than 500 at 1000 rate. Cash with order. P. M. DeWitt, Bridgewater, Bucks Co., Pa.

Violets from pots, A1 stock, Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Vinca, 2¼-in., $3.00; 3-in., $5.00; 4-in., $10.00; 5-in., $15.00 per 100; R. C. var., $1.25 per 100; $10.00 per 1000.
Greene & Underhill, Watertown, N. Y.

Ready for delivery on and after June 20th, Marie Louise violet plants, $20.00 per 1000. Clean, healthy stock.
L. R. Lane, Babylon, L. I., N. Y.

4000 Marie Louise, strong, sand-rooted cuttings, $15.00 per 1000. Cash.
C. Lawritzen, Rhinebeck, N. Y.
See Vegetables.

Campbell violets, 2½-in., $2.50 per 100. Field-grown clumps, $3.00 per 100, delivered in Sept. and Oct. E. J. Cloud, L. B. 32, Avondale, Pa.

Marie Louise, fine, strong, healthy plants, 2½-in., $3.00 per 100; $25.00 per 1000. Cash.
W. S. Herzog, Morris Plains, N. J.

Farquhar, 2½-in. pots, $3 per 100. Cash. W. G. Kraber, 37 Tremont st., New Bedford, Mass.
See Heliotrope and Smilax.

MISCELLANEOUS PLANTS.

Centaurea gymnocarpa, Maurandya Vine, Nasturtium, trailing, 2¼-in., $2.00 per 100. Manettia bicolor, 2¼-in., $3.00; R. C., $1.50. Pyrethrum, Golden Feather, 2¼-in., $2.00. Little Gem, 3½-in., $4.00; R. C., $1.50. Pelargoniums, mixed, R. C., $3.00 per 100. Impatiens Sultani, Stevia, var., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Polystichum prolifercum (lace fern), 3-in., $7.00 per 100; mailing size, $2.50. English ivy and Dracaena indivisa, 2½-in., $3.50 per 100. Ampelopsis variegata, $1.00 per doz. A. & G. Rosbach, Pemberton, N. J.

Umbrella plant, ready for 4-in., $2.50 per 100.
Fairview Floral Co., Beatty, Ohio.
See Geraniums, Chrys., Begonia, Abutilon, Salvia, Petunia, Verbena, Fuchsia.

Per 100: Solanum capsicastrum, 2-inch, $1.50; Carex var., fine, 2-in., $3; Aspidistra, $4.50 per 100 leaves. A. G. Fehr, Belleville, Ill.

Clerodendron fragrans, $1.00 per 100. If by mail add 25c for postage.
Dickerson & Belden, Miami, Fla.

Sanseviera zeylanica, 5c.
H. Steinmetz, Raleigh, N. C.

3,000 iresines, two colors, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

TO EXCHANGE.

Geraniums, Coleus, Heliotrope, Verbenas, Centaureas, for Roses and 'Mums. What have you to offer?
J. Baker, Florist, Dover, Del.

CANE STAKES.

Cane stakes, 3 to 4 ft. long, $1.75; 4 to 5 ft., $2.00; 5 to 6 ft., $2.75; 6 to 8 ft., $4.00 per 1000, F. O. B. here. C. S. Tait, Brunswick, Ga.

Cane plant stakes, $2.00 per 1000, cash with order. W. W. Hendrix, Bowling Green, Ky.

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Colored plates, seed packets, engravings, etc.
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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jeffer on St., Chicago.

Edwards & Docker, manufacturers, 16-18 N. 5th st., Philadelphia, Pa.

The Dayton Paper Novelty Co., Dayton, O.

C. C. Pollworth & Co., Milwaukee, Wis.

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DECORATIVE MATERIAL.

New crop fancy and dagger ferns ready for shipment. We guarantee to furnish strictly first-class stock. Write for special prices to the trade on ferns, sphagnum moss, Laurel, etc. For 50c I will send as sample 1000 assorted ferns, also sample of moss, etc. Address all letters and orders to H. J. Smith, Hinsdale, Mass.

New crop ferns, 50 cents per 1000. Send in your orders now. Laurel and pine festooning for wreaths. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Red Towers Brand Bone Meal for florists. 100 lb. bag, $1.75; ¼ ton, $7.50; ½ ton, $14.50; 1 ton, $28.00. F. O. B. Bridgeport, Conn. Also Odorless Lawn Dressing. Terms, cash with order. Red Towers Greenhouses, Hackensack, N. J.

Sheep manure in car lots, pulverized, $8.00 per ton; natural, $4.00 per ton. In sacks or barrels by the ton. Pulverized, $12.00; natural, $8.00, f. o. b.
E. C. Newbury, Mitchell, So. Dak.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton. Albert M. Herr, Lancaster, Pa.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,
Harlan P. Kelsey,
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Boston, Mass.

GLASS, ETC.

The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cents.; in lots of 5000 by express 55 cts. per 1000. Henry A. Dreer, 714 Chestnut st., Philadelphia, Pa.

The Lawritzen putty for greenhouses is a good thing; it's just what every florist needs. For particulars address C. Lawritzen, Florist, Rhinebeck, N. Y.

WILL STOP THE TROUBLE. Twemlow's Old English glazing putty; semi-liquid or plastic. Write Benj. Hammond, Fishkill-on-Hudson, N. Y.

Glass for greenhouses, conservatories and hotbeds. American glass. Pittsburgh Plate Glass Co., 12th & St. Charles st., St. Louis, Mo.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Mastica and Mastica glazing machines. F. O. Pierce Co., 170 Fulton st., New York.

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Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

Buy your glass of the Reed Glass & Paint Co., 456 W. Broadway, New York.

All sizes of greenhouse glass. C. S. Weber & Co., 4 Desbrosses st., New York.

Glass for greenhouses. N. Cowen's Son, 392-394 W. Broadway, New York.

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French and American glass.
Holbrook Bros., 85-89 Beekman st., New York.

Wood Glass Co., 226 N. Salina st., Syracuse, N. Y.

Cohansey Glass Co., Witherspoon bldg., Phila.

W. Evans & Son., 252 S. Front st., Phila, Pa.

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When in want of prime Hard-wood Ashes, write to Chas. W. Jacob & Allison, 66 Pine St., New York.

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The Gutta Percha and Rubber Mfg. Co., 35 Warren st., New York; 96 Lake st., Chicago.

Black Bear rubber hose is the best. The Black Bear Co., 80 Pine st., New York.

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White Enamel Refrigerator Co., St. Paul, Minn.

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TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts. per lb.; 50 to 1000 lbs.
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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
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Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

Nicomite (patent) Vapor Insecticide. A certain killer of insect pests. Sold by seedsman. Tobacco Warehousing and Trading Co., Louisville, Ky.

Cyclone Spray Pump. Cheap but good.
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Sulpho-Tobacco Soap. At seed stores.
Ro e Mfg. Co., Niagara Falls, N. Y.

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CAST IRON GREENHOUSE PIPE in 9-foot lengths, and pipe fittings, valves, etc. GREENHOUSE BOILERS, conical, sectional and self-feeding.
THOS. W. WEATHERED'S SONS,
46 and 48 Marion St., NEW YORK.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists.
The Kelly & Jones Co., Pittsburg, Pa.

Send in your order now for a copy of the Florists' Manual.

POTS.

Standard Pots. We are now ready to supply a superior quality of Pots in unlimited quantities. Catalogues and price-lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red standard pots. Prices on request. Keller Bros., 213-223 Pearl st., Norristown, Pa.

Standard pots, fern pans, etc., Pittsburg Clay Mfg. Co., New Brighton, Pa.

Pots, hanging baskets, etc. A. Hupprich, 772-780 Michigan av., Detroit, Mich.

Flower pots. Missouri Pottery & Mfg. Co., 1216-W. 8th St., Kansas City, Mo.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Standard pots, lawn and hanging vases.
Ionia Pottery Co., Ionia, Mich.

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RAFFIA.

When in want of Raffia, write to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

SPHAGNUM MOSS.

We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
Z. K. Jewett & Co., Sparta, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

Philadelphia Florists' Wire Design Co., 807 N. 4th st., Philadelphia, Pa.

Emil Steffens, 335 E. 21st St., New York.

E. H. Hunt, 76-78 Wabash av., Chicago.

C. C. Pollworth Co., Milwaukee, Wis.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

PITTSBURG.

Notes.

Weather is hot and dry. Cut flower trade very much summerish. Good roses have been scarce lately. Kaiserin is the only white rose for summer. There are still some longiflorums coming in, also fine auratums. Carnations are plenty and cheap, quality inferior. Sweet peas are coming in from outside now, but stems are rather short.

F. Burki is receiving congratulations and seems well pleased; a little daughter came to his house last week.

Mr. Schwab, of Braddocks, president of the Carnegie Steel Company, bought the late Captain Vandergrift's place in the East End for $260,000. It is one of the finest private places about Pittsburg.

Hartman Bros. have sold out everything and are moving to their farm at Warren, O. BAER.

SAN FRANCISCO.

The Market.

Business has been very quiet the past week and the bubonic plague scare has helped to make things worse by keeping intending visitors away from the city. All kinds of business have been affected to some extent. The plague is a fake, sure enough, and will soon pass over.

Prices: American Beauties, 25 cents to $1.50; Beauties and Bridesmaids, 25 to 40 cents; Meteors, 15 to 25 cents; Perles, 20 to 25 cents; Testouts, 25 cents. Carnations, Hobart $1, Schwerin 35 cents, Bradbury 25 to 35 cents, Hill and Bradt 20 to 25 cents, Nugget and Triumph 25 cents, Scott 10 to 15 cents, Portia 10 cents. Sweet peas, 50 to 75 cents; gladiolus, The Bride, $2 per 100.

Notes.

J. Gilman, Elmhurst, has planted one of his houses, 11x300, with Brides and Bridesmaids. Two more houses of the same size are to be planted with Beauties, Meteors, etc.

Domoto Bros., Fruitvale, have just finished one house, 14,000 feet of glass, to be planted with carnations. Five large houses have been planted with chrysanthemums and are looking well.

Simmons is resting most of his roses and is now busy with repairs about his place.

The Lacy Company, near Mill's seminary, is busy planting Beauties, Brides, Bridesmaids, Kaiserins, Meteors, Testouts and C. Brunners.

At the Golden Gate Park conservatories a fine show may be seen in tuberous begonias, gloxinias and fancy caladiums. One house of orchids looks fine and healthy and making good growth. The outside bedding is finished and everything looks trim. Never before in the history of the park have thinks looked so well and great credit is due Superintendent McLaren for his pains to have it so.

Wm. J. Dingee, the owner of Fernwood, has purchased the Baker residence, corner Washington and Franklin streets, and will erect a conservatory costing $20,000. The tables and benches will be of marble and a large amount of bronze will be used in the building. At one end of the conservatory will be a billiard room, and at the other end a dining room. Mr. Dingee intends this to be the finest conservatory in California and money will not be spared to make it so.

Miss Vivienne Austin, daughter of J. Austin Shaw, New York, is performing at the California Theater, San Francisco, in Hoyt's "A Tin Soldier," "A Rag Baby" and "A Milk White Flag." Miss Austin is a clever little lady and

plays her parts to perfection. A successful tour and safe return to her papa is the wish of the San Francisco florists.

At the Golden Gate park one of the old San Franciscan missions was done in carpet bedding last week. The work was well done and the coloring will improve as the days roll past.

J. N.

ONECO, FLA.

Reasoner Bros. are building a palm house 25x100 for equatorial plants and are remodelling an old glass house 20x100. They have finished a lath house 40x100.

They have fixed automatic revolving sprinklers for all their space in lath houses, cold-frames and yards, about 100 of them altogether. They set them about two feet high and 17 to 18 feet apart. They save lots of time handling a hose and it looks very pretty to see about 18 working at a time. The pressure is only 22 pounds (tank 45 feet high), but it is sufficient. E.

PALMS.

We have received from Mr. W. J. Hesser, Plattsmouth, Neb., specimens of his 4, 5 and 6-inch Latania borbonica. They are certainly good plants in excellent condition and reflect credit upon his ability as a grower. Mr. Hesser has done much to develop the palm-growing industry west of the Mississippi.

FRUITDALE, ALA.

This little settlement of northern people who have come here to enjoy the beautiful southern climate is one of the busiest places to be found these days. The growing of peaches has so far been the leading industry, but this spring considerable interest is being taken in the prospect of a new industry for the south in the growing of bulbs. Mr. L. H. Read removed here from Grand Rapids, Wis., in March, and has planted out several acres in gladiolus, dahlias, tuberoses and caladiums, and the venture is being watched with interest. At this writing they are growing finely and give promise of success. Narcissus, hyacinths and other bulbs will be added in the fall.

The Cape Jessamine is one of our most beautiful flowers, and as it produces great quantities of buds just in season for Decoration day and school closings, and can be shipped for at least 1,500 miles and arrive in first-class condition, it seems to offer a valuable industry to any one who wants to make a good income from a small area of ground.

Early peaches have been ripe for three weeks and the crop is estimated at 150 carloads, and will be harvested mostly during the months of June and July.

June 7 was the date of an event that will be remembered by at least two parties in our little town. On the evening of that day L. H. Read took unto himself a life partner in the person of Mrs. Cardie B. Winkler, formerly of Cuba, Ill. It is expected that this new floral firm will do much to add beauty and fragrance to the gardens of this vicinity.

The south is a paradise of wild flowers from early spring until late in the fall, and we think it would be a pleasant outing for northern florists to take one of the regular monthly excursions to this place, which run on the first and third Tuesdays of each month from all stations north of the Ohio river, the rate being one fare, plus $2, for the round trip and limited to twenty-one days. R.

LEXINGTON, KY.—D. Honaker has broken ground for the erection of an American Beauty house to be 32x150. The total cost will be $2,500. With this addition the establishment will have a total of 60,000 feet of glass.

"TIME is money." Save it by consulting our classified advs. when in need of stock.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman or manager; would run a place on shares, or rent. Place must be in good condition. Address 50, care Florists' Review.

WANTED—A man accustomed to growing American Beauty roses. No other need apply. Permanent position to the right man. Address Harry Simpson, Edgely, Bucks Co., Pa.

FOR SALE—Florist's business, greenhouses and stock, situated in one of the oldest settled towns in southern Michigan. One of the most encouraging places that could be desired; small at present but could be easily and quickly extended. An excellent opportunity for a practical man with small capital. Reason for selling, health. Address Business, care of Florists' Review.

WANTED—Some second-hand cast iron pipes, 4-in; or 2-in. wrought iron pipes, in good condition. W. P. Ranson, Florist, Junction City, Kan.

WANTED—By a young lady of fine personal attainments, position as clerk and assistant to florist. Moderate salary to start. Please address Miss Wheeler, 10 E. Van Buren St., care of Walter Kreitling, by whom recommended.

WANTED—A boiler to heat 5,000 sq. ft. of glass. Must be in good condition and cheap. Steam or hot water. O. C. Heberling, Lancaster, Ky.

WANTED—Helper in rose houses. Must be experienced. Address J. M. Gasser, Euclid Avenue, Cleveland, Ohio.

WANTED—A young man for general propagating and rose growing, on a place of 14,000 feet of glass. Address J. H., care Florists' Review.

WANTED—A good A1 man to grow roses, carnations, mums and general bedding stock; must be a good propagator. A steady place for the right man. State lowest wages, with board, to start with. C. Humfeld, Clay Center, Kan.

FOR SALE—House, barn and greenhouses, with stock in good running shape, $700 cash, balance easy payment. Within 40 miles of Chicago. Address American, care of Florists' Review.

FOR SALE—Cheap. A 25-horse power horizontal boiler, with front, etc., practically as good as new. A bargain for some one. G. Van Bochove & Bro., Kalamazoo, Mich.

FOR SALE OR RENT—Two greenhouses, 20x75 ft. each; fair condition, steam heat; good stock of plants on hand; write for particulars. J. S. Pumphrey & Son, Celina, Ohio.

FOR SALE—Greenhouses with 10,000 ft. of glass and 5 lots 125x25; steam heat and well stocked. In Chicago. Address 10, care Florists' Review.

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240 acres of land on Isthmus of Tehauntepec, State of Vera Cruz, Mexico.

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FOR SALE. — On western coast of Michigan, 2 lots, 2 greenhouses, all modern appliances, in excellent condition. Good business location. Good opportunity for energetic man. Price **$2,200.00.** Write for particulars.

FOR SALE OR RENT. — Near Erie, Pa. Lot 100 x 150. Large two-story dwelling and four greenhouses almost new. Good glass and well heated. Excellent business location. Price **$2,000.00,** easy payments.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

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Send Four Cents for Catalogue And Ventilating Apparatus

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THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time. N. ZWEIFEL.
Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Sup't.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.
From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by William Scott, Florists' Publishing Co., Chicago. A reference book for commercial florists.
The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obstrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

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NOT ENOUGH BOYS.

Please discontinue my advertisement, as I have places for the two boys and have eight more applications from parties wanting boys. I must say that the Review is the paper for good returns to advertisers. J. F. BROWN.

Knightstown, Ind.

FT. WAYNE, IND.—On June 22 the high water backed up into Herbert Bond's greenhouses and did considerable damage, especially to his boiler room.

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" " without " " 40c "

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Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business, and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

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Send for list of testimonials.

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No. 2, $10.00;
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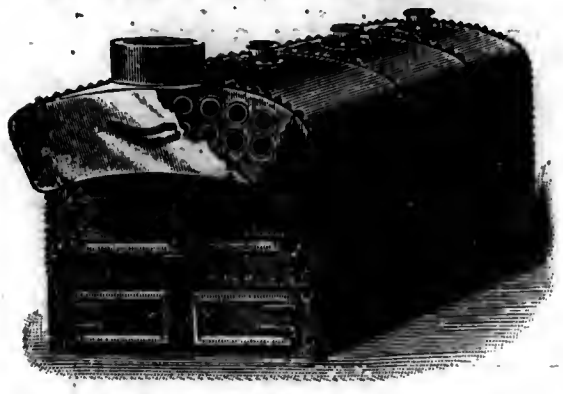
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Put up in one gallon cans only and the price is **$3.00** per gallon. Cash with order.

Directions with each can.

C. LAWRITZEN, Flat Rock Greenhouses, Rhinebeck-on-Hudson, N.Y.

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BROOKLYN, N. Y., March 23, 1900.

MESSRS. THOS. W. WEATHERED'S SONS,
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GENTLEMEN.—I purchased from you last September, one of your Sectional Hot Water Boilers for my greenhouse at Flatbush, and was so well pleased with the results that I bought another one for my Keap Street Greenhouses, taking out another make. Anything I might say would not be too high praise for your boilers. They work perfectly, and I am pleased to say that so far I have saved in coal one-half of the cost of the boilers. They will therefore pay for themselves in another year, a result which I consider remarkable I would be pleased to reply to anyone desiring the actual proof of above.

Yours very truly, Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

Conservatories, Greenhouses, Etc., Erected complete of our Patent Iron Frame Construction, or of Wood and Iron combined, or Wood alone. **Hot-Bed Sash, Frames, etc. Conical Boilers, seven sizes, and Self-Feeding Boilers for Small Conservatories. Established 1859. Send 4 Cents Postage for Illustrated Catalogue.**

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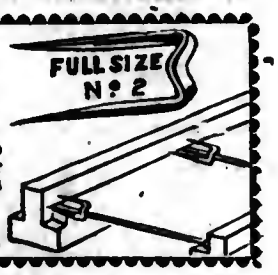
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GREENHOUSE BUILDING.
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

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Historically the rose is ancient of days. Herodotus speaks of the double rose, and Solomon gave praise to the rose-beds of Jericho. Theophrastus refers to the roses of the Isle of Rhodes (Isle of roses), so called from the extensive culture of the plants carried on there, and Egyptian records make mention of the presents of roses sent to Rome.

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, JULY 5, 1900. No. 136.



SEND FOR PRICE LIST.

Kentias, Latanias, Ficus, Asparagus, Dracænas, Etc.

Ask for our price list on **PERPETUATED PALMS.** Samples sent on request. Address

THE GEO. WITTBOLD CO.

1708 N. Halsted St. .....CHICAGO.

We have at all times a full and complete stock of

FLORISTS' SUPPLIES.

IMPORTED PREPARED CYCAS LEAVES.
CAPE FLOWERS, White and Colored.
IMMORTELLES, all colors. METAL DESIGNS.
BASKETS, PEDESTALS, Etc., Etc.

WHEAT SHEAVES A SPECIALTY....

Send for special prices.

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LOOK! ....CLEARING SALE.... LOOK!

Grand Clearing Sale of Florists' Supplies.

To clean up surplus stock we offer the following: Will supply any amount desired at prices quoted, as long as stock lasts.

400 Bales Pressed Clean Sphagnum Moss, 60c per bale.
100 Bales Fresh Tobacco Stems, 200 lbs. to bale, $1.50 per bale.
2500 Cycas Leaves, Preserved, from 24 to 40-inch, equal proportion of each, $15.00 per 100
200 Artificial Palm Plants, assorted sizes, $4.00 per doz.
500 Lbs. White Cape Flowers, 80c per lb.
2000 White Pampas Plumes, $2.00 per 100.
2000 Colored Pampas Plumes, $5.00 per 100.
2000 Nest and Fancy Baskets, in assortments, $10 to $25 assortments.
500 Caladium Bulbs, all sizes mixed, $2.00 per 100.
2000 Reams Tissue Paper, best, 45c per ream.
500 Reams Wax Manilla Paper, medium, $1.40 per ream.
100 Large Bags Fresh Sheet Moss, $2.00 per bag, equivalent to bbl.

Ribbons, Wheat Sheaves, Bouquet Pins, Doves, Immortelles, Cape Flowers, Flower Vases and all Florists' Supplies at corresponding low prices.

CUT FLOWERS. FIRST COME, FIRST SERVED. CUT FLOWERS.

McKELLAR & WINTERSON, 45-47-49 Wabash Avenue, **Chicago.**

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WHOLESALE COMMISSION FLORIST....

ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.



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GIVE US A TRIAL. WE CAN PLEASE YOU.

250 Boxes of 16x24 Double Glass at $2.50 per box.

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Paestum and Samos were famous for their roses. There the shrubs blossomed twice each year and the flowers were sent in shiploads to Rome to supply the demand for garlands and decorations. Nero compelled his hosts to have their fountains filled with rose water, to supply all guests with garlands composed of roses, violets and myrtle, and to have rose wine, rose puddings and rose baths ready for his refreshment.

ESTABLISHED 1802

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We have still left some fresh seeds of the following Palms in fine condition:

Kentia Forsteriana, per 1,000, $4.00; 5,000 to 10,000 at $3.50. 10,000 and over at $3.00.

Also **Cycas Revoluta Stems** in assorted sizes, 3 lbs. to 12 lbs., at $8.00 per 100 lbs., while unsold.

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(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

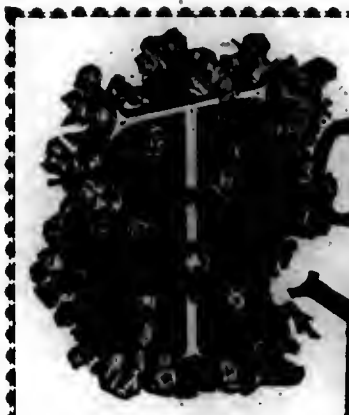
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122 W. 25th St., NEW YORK CITY.
Manufacturers of
WIRE DESIGNS
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Pandanus Veitchii.
Handsome Plants for Outdoor Decoration. In 7-inch pots, $1.50 each; $18.00 a doz. Cool Grown.
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UPSAL STATION, PENNA. R. R.

Pansies Worth Raising.
Small Plants All Sold...
None left but flowering plants from field at $2.00 per 100 and up.
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Orchids.
Arrived in excellent condition — Lælia purpurata, L. grandis tenebrosa and Oncidum Varicosum Rogersii. We have also on hand Cattleya Percivalliana, C. Mossiæ, Lælia Anceps and Lælia Autumnalis.
Write for price lists of Imported and Established Orchids.
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Florists
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Proprietors of Memphis Nursery. Are Headquarters for
SOUTHERN COW PEAS.
Established 1869. Write for prices.
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Select Stock in
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FRESH FERN SPORES.
WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.
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ROSES.

		Per 100	Per 1000
Brides	2½-inch.	$3.00	$25.00
"	3-inch...	5.00	45.00
Maids	2½-inch.	3.00	25.00
C. Soupert	2½-inch.	3.00	25.00
" "	3-inch...	5.00	45.00
Meteor	2½-inch.	3.00	25.00
"	3-inch...	5.00	45.00
Mosella	2½-inch.	3.00	25.00
Mme. Chatteneux	2½-inch.	3.00	25.00
American Beauty	3-inch...	8.00	75.00

MIXED JARDINIERE FERNS, mostly Pteris varieties, $3.00 per 100; $25.00 per 1000.
ASPARAGUS SPRENGERI, 2½-inch, $4.00 per 100; $35.00 per 1000.
ASPARAGUS PLUMOSUS, 2½-inch, $6.00 per 100; $55.00 per 1000.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.
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JOSEPH HEACOCK,
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Grower of.....Areca Lutescens.
Kentia Belmoreana.
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FOR PARTICULARS ADDRESS
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NEW CROP NORTHERN FERNS.
50 cents Per 1,000.
Laurel Festooning 4c to 6c per yard. Best of goods always on hand.
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Cut Flower Exchange,
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NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
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Zirngiebel..... Giant Pansies.
Market and Fancy varieties are the leading strains to date for size and colors.
For sale in trade packages at one dollar each either strain.
Full directions with every package.
New crop seed after July 1st.
DENYS ZIRNGIEBEL, Needham, Mass.
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THE RETAIL FLORIST.....

Decorative Plants.

When business is dull in the store preparations should not cease in the greenhouse, for desirable plants cannot be manufactured, they must be grown with a vast amount of patience and considerable knowledge. The selection of what to grow is as important as how to grow it, and whilst some varieties of plants sell better in one locality than in another, there are certain groups of plants which go well in all and are considered necessities; yet there are many lovely plants never seen except in private collections, and the grower mistakes who confines all his efforts to that which is commonest and easiest to grow, or which he is led to believe sells best because it is the only kind offered or grown to presentable condition; and still he mistakes in harboring what is generally classed as "rubbish"—the botanical curiosities remarkable only for the space they occupy and the amount of money they take from one's pocket. We wish it clearly understood that when we speak of "grower" in this department, it is intended for the man who grows and retails all or a portion of his stock.

We are continually receiving inquiries regarding the possible demand for one class of plant or another. It is best perhaps for the large grower to have extensive collections of most everything; the small grower, principally the class of stock which gives the most satisfaction as house or general decorative plants. The plant house, comparatively speaking, should always be as clean as the store, and now is the time for general overhauling and repainting. No kind of stock grows or shows itself to best advantage in dirty surroundings, and there are several other important reasons why your place, be it greenhouse or store, should be specially clean and bright for next season's trade.

Very good conditioned young stock can be purchased now at cheap prices and it will pay many to grow their own; others will do better to wait till September. The present tendency among palm growers is to fill their houses with Kentias to the almost exclusion of every other kind, and while there is no denying the fact that it is by far the best sort of palm for the dwelling house, still there are others far more beautiful and which are more desirable in a decorative sense; and again, there is no mistaking the importance or value of variety, especially where the customers desire to select for themselves.

Palms.

Let us consider palms first. Kentias Belmoreana and Forsteriana come first for hardiness, and there is an increasing demand for well grown plants at from five to fifteen dollars, though it will be safe for you to have all sizes, from those suitable for the center of fern dishes to the largest. You will need many for "making up" purposes later in the season. Areca lutescens comes next and all sizes are important for above reasons. The great trouble with arecas is that they are grown too hot, simply for the purpose of pushing growth, which is done until they look like bunches of tall reed grass, then when they come in contact with cold draughts or the many drawbacks in store or house culture they wither up the quickest of all. A hardy grown Areca lutescens is the most graceful of all the palms and every decorator knows its great worth.

Latania borbonica is valuable in every size above 6-inch pots, but perhaps the largest demand will be for those worth from two-fifty to five dollars each. Phoenix reclinata, rupicola and canariensis are all worth cultivating; rupicola is most useful. There is no palm which stands either heat or cold better than the Phoenix and for that reason they are very valuable, but very small sized plants will only be in your way.

Livistona rotundifolia is becoming a great favorite; have a few if possible; it is a charming little palm, suitable for window, table or other forms of decoration where low plants are best, and it is a first-class seller if in good condition.

Rhapis flabelliformis and humilis are both useful only in large sizes. Caryota urens is a pretty plant when in medium sizes, but the demand is limited on account of its sparsity of foliage. Cocos Weddeliana is important in almost all sizes; it is the most graceful of all for ferneries. The trouble with it as a decorative plant is that it is too skimpy; grow it several in a pot, furnished to the rim, and people will buy. Thrinax elegans is a palm too seldom seen, so is Licuala grandis.

A great many plants will sell best when made up several in a pot or tub; you will find it advisable to do this later if you have not time to do it now. Better have it done now; space is condensed and plants get into form quicker. Be careful of the quality of pots or tubs you use, put only one variety of plant in each pot and leave space on the top for plenty of water; size of pot will be an important item next fall. You cannot sell plants at retail according to the size of pots, and don't have them out of proportion.

The country is flooded with small sized Cycas revoluta; they will be most useful to you for cutting purposes only, for which the larger sized trunks are best. The branched form of Ficus elastica has become more popular than the single stem, but it is desirable to have a choice batch of each on hand; have them good and hardy looking by outdoor cultivation; plunge the pots in an open frame hotbed and give plenty of water. A group of crotons may come in very useful for color effects, but it is necessary to grow them indoors all through to get the refined tones of color, and if you have not the best varieties and grow them clean and well furnished, it is better not to have them in quantity; just grow sufficient to color up your group at the show; the large specialist will furnish you with them at reasonable prices.

Dracaenas, Etc.

Dracaenas will be more plentifully used when better understood. Dracaena Godseffiana is a very beautiful variety, useful alike in fern dish or as specimen plant. D. terminalis is one of the best plants for color effects. In decorations one or two Lindenii or Massangeana and a batch of indivisa will suffice. The average customer looks upon Dracaena fragrans as corn; green dracaenas do not pay and most others are unsalable if not perfect. Marantas of the chimboracensis and Porteana types are very useful and should be in every collection. Araucarias have dropped out of favor; many people consider them in the light of small Christmas trees and begrudge to pay their value, yet it is often necessary to have a few in stock. A. excelsa and compacta are the best. Ananassa sativa variegata is a good thing to have, but a few will be sufficient, as Pandanus Veitchii is much easier grown and in many ways more profitable. Pandanus utilis is also called for in limited quantity; the small size comes in handy for center of fern dishes, ditto Veitchii.

Aspidistra lurida and A. lurida variegata are among the best of plants for selling and use in decorations, besides they will grow almost anywhere. Cyperus alternifolius is useful for cutting, using among cut flowers, in design work, and fine for semi-aquatics or ferneries. Peperomia argyrea is a plant of easy cultivation and is very useful filling large fern dishes. We have often had occasion to be glad of having a few highly colored abutilons on hand. They are much easier grown

than the majority of variegated plants and in most cases are just as effective. A. Savitzii is a gem, and Souv. de Bonn and Eclipse are useful members aso. Acalypha Godseffiana and A. McArthurii are good for color.

Begonia Rex will be necessary in many places and a few of the brightest varieties will suffice. Ivy (and Irish ivy, too, if you please, not English, as it is generally called, we suppose on the principle that everything alive is English) is indispensable; have it pot grown if for use indoors next winter. H. helix digitata and H. helix variegata should be more generally grown and used.

Ferns.

Ferns are of the utmost importance to every retailer. Too few of the larger specimens are used even in window decorations, and it is too often the case that a few of the commonest varieties are offered by large growers. Every storekeeper knows the trouble he has in procuring an equal proportion of the best varieties which it is absolutely necessary to have in order to give customers satisfaction. For fern dishes the following are good: Adiantums bellum, Farlayense, macrophyllum, tetraphyllum, and cuneatum; Aspidium tensimense, Blechnum occidentale, Cyrtomium falcatum, Gymnogramme chrysophylla and G. argyrophylla, Pteris cretica albo-lineata, serrulata, cristata, and Ourardii; Selaginellas Emiliana, denticulata and Martensii variegata. It is better to grow selaginellas in small pots which will not necessitate dividing the plant, a custom resulting in much harm.

Of the larger ferns of course Nephrolepsis exaltata Bostoniensis will always lead, and it is wise to have a large stock in all sizes; it is useless to wait until one plant furnishes up into an immense specimen; put two or three or more if necessary together in pot or pan; they become salable quicker and last longer. We prefer this fern in pans for two reasons—it is easier to hide or cover pans, and they grow better and last longer in them. Every year there is a scarcity of good specimens about Christmas or New Year's; try to have sufficient to last all through the season. N. davallioides furcans is another valuable plant for vase or hanging basket, and, by the way, more ferns should be grown in baskets, for they enable one to do finer work in decorating. Pteris tremula is an easily grown fern and very few can surpass it for mantel adornment. Davallia bullata in design form sell well sometimes, but they are scarcely to be recommended for general house culture.

Ferns are like palms or any other family of plants; there are many varieties, scarce and beautiful, which would sell readily or be used to great advantage in unlimited quantities. We have mentioned only those plants that are easiest grown and give best results, and whilst extended lists may in some cases, such as conservatory furnishing, etc., be desirable, yet any store trade, no matter how extensive, can get along very well with the list given above. The most important thing is to have your stock in good shape and well hardened off before it is required. Large specimen ferns of almost any graceful variety for use in your window will enable you to save money by purchasing less flowers, and in most cases the window will look better.

Buying Stock.

The country grower who also retails should attend to his stock at once. The city storekeeper with a small greenhouse attached had better wait till September or October when good bargains can be got, but even if he has to pay more than he would now, it would be cheaper in the end than to buy and bother with the limited stock he can accommodate. It is customary to have the cheaper grade of plants for loaning or decorating purposes, and a rule to keep your best and most perfect plants in reserve, for possible outright sales will be profitable to you as well as of more satisfaction to your customer.

The florist at the sea side or summer resort will need a plentiful supply of ferns and other decorative plants from now on, and a great many of the showy foliage kinds, such as fancy leaved caladiums, etc., will come in useful. It would be very little trouble, but a matter of much consequence, if florists added the names and places of discovery to the plants; this would impart needed information and add value to the plant.

IVERA.

KEEPING QUALITIES OF CARNATIONS.

And Keeping to Keep the Quality.

In speaking of the keeping qualities of cut blooms of different varieties of carnations, it must be understood that I speak from the standpoint of the commission dealer who first knows the flower when it reaches him, in what is really its middle stage of life, and that the conclusions formed are only from my own experience, and may be truthfully at utter variance with those of others whose methods of handling are entirely opposite.

How long should such a flower keep? We have absolutely no standard, and from the very nature of the case we never can have. Comparisons are unfair and unreliable in their results. Final conclusions as to relative keeping qualities can only be made where each sort is represented at same time and place by its best—that is, by flowers produced under ideal conditions for the variety concerned; each handled, not uniformly, but according to its requirements. Almost an impossibility.

Conditions and methods of growth, as well as the handling after cutting, are all important essentials in determining the quality of bloom. Character of soil, ventilation, watering, age, nourishment, the need of each supplied as the want appears—the variety counts for little.

It would perhaps interest growers if they knew and realized that their stock possessed an individuality. That all varieties when grown by some are found to be keepers, while on the other hand the reverse is true in other cases. Every commission man has shipments from growers that regularly reach him in fine condition, stem, foliage, size, color, shape, and even fragrance, all that can be desired, and he knows them to be strictly fresh, but he knows, furthermore, first class stock though they are, that he must sell them to the best advantage he can, and that with the least loss of time possible, for they will not keep. There is nothing in the appearance of stock to indicate it. General knowledge of siness does not teach one how to detect it. Actual experience in handling that particular grower's stock, shipment after shipment, reshipping it, selling it locally to this one and that one, having some remain unsold for some little time, having it one by complaints and long observation, finally forces him to realize it.

On the other hand, there is the grower whose stock always keeps, whose Scotts ship anywhere better than Triumphs of other growers; whose stock is set away carefully to fill orders of particular customers who pay a fair price for a good article and will have it. His stock is not rushed off, but, in fact, has every advantage, every turn of the market is taken to his pocket's benefit. Now, why is it? I do not pretend to know. It would pay growers to find out.

In a general way I will state that varieties that are not "croppers" are best keepers, those of slow growth, maturing late, leading, but no general rule can be deduced, as there are so many exceptions that all definite propositions either fall short or overreach. This is equally as true of the newer sorts as of the old.

White Cloud is an ideal keeper during the winter, while failing on the first approach of summer. Flora Hill, on the other hand, during the winter is an indifferent keeper, but for the rest of the year is up near the front. Lizzie McGowan by many is given offhanded as heading the list of good keepers. I can not say I have found this to be strictly true. Being a white, the deterioration is not as noticeable as it is in a colored variety, and it is in condition for use after an age that in others would be out of question on account of loss of color. The flower of a perfectly grown Tidal Wave will at the end of four or five days be in better condition than a Mc-



Church Decoration arranged by Lewis Ullrich, Tiffin, O., for the wedding of his daughter.

Gowan equally well grown and cared for, but the advantage will seemingly be with McGowan; in reality it is not so.

Albertini is the best keeper I ever handled.

Armazindy and all its seedlings and sports that I have known can be rated as poor.

Of the newer sorts, Ethel Crocker easily leads all others, if kept in a reasonably uniform temperature, no matter what, so long as it is not an extreme.

To stand on the counter, go into the ice box, out again, and to be subjected to all sorts of changes and still be in the ring—America.

In a cerise, Leslie Laul has the advantage, growing old without turning blue or showing white.

As a commercial white, Genesee will outlast any variety with which I am familiar. It retains its whiteness to the last, and even when stale will sell at even money over other whites of same caliber.

In a Daybreak shade nothing equals Daybreak. Of course, there are Daybreaks and again there are Daybreaks. There are growers, and then again there are growers.

I can not well continue the list without comparing directly some of the sorts not yet generally disseminated with varieties of same general character, and I do not wish to appear to boom or detract from the merits of any.

On general principles stock that is of rank growth, long jointed, also stock that is past first freshness, should not have stems recut and should only have shallow water. To give fresh cut and to plunge deep will hasten development, and the end. Stock that is cut tight, of any condition of growth, also short jointed, hard wooded stock, evidently cool or dry grown, should go deep in the water, may often have stems recut, especially if rapid development is desired, and will keep best in a temperature of 8 to 10 degrees lower than the first mentioned class, say 45 to 48 degrees as against 52 to 55 degrees.

The ice box or cooling room should be as nearly free as possible from moisture and should have some arrangement, perfectly under control, for regulation of air circulation as well as the temperature. A thermometer is indispensable. Never have too great a difference between outside and inside temperatures. The box should be run many degrees higher in summer than in winter, grading to suit the season.

To get the best results in keeping cut carnations, you must study them closely. The stock you handle may invariably keep well for you and possibly poorly for someone else, or vice versa. Find out the why—there is one — and when you have found it, never lose sight of the principle involved. WALTER S. HEFFRON.

Chicago, Ill.

WEDDING DECORATION.

We present herewith an engraving from a photograph of the decoration arranged by Mr. Lewis Ullrich, assisted by his sons, Edmund J. and Harry Ullrich, of Tiffin, O., for the wedding of his daughter, Miss Emma Ullrich, which took place June 7, the groom being Mr. Otto J. Ehrenfried.

As will be seen by a glance at the picture, many palms were used, and Harrisii lilies were a prominent feature. Smilax was freely employed for festooning and nearly 2,000 carnations were used on the altars and in other effective positions.

The local press pronounced the decoration the finest of the sort ever seen in Tiffin.

CLEVELAND, O.—The Bate Bros. are moving their greenhouses to their new grounds on West Collamer avenue. One house is completed and another nearly so. They expect to have everything in shape by September 1.

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Ferns are of the utmost importance to every retailer. Too few of the larger specimens are used even in window decorations, and it is too often the case that a few of the commonest varieties are offered by large growers. Every storekeeper knows the trouble he has in procuring an equal proportion of the best varieties which it is absolutely necessary to have in order to give customers satisfaction. For fern dishes the following are good: Adiantums bellum, Farlayense, macrophyllum, tetraphyllum, and cuneatum; Aspidium tensimense, Blechnum occidentale, Cyrtomium falcatum, Gymnogramme chrysophylla and G. argyrophylla, Pteris cretica albo-lineata, serrulata, cristata, and Ouvardii; Selaginellas Emiliana, denticulata and Martensii variegata. It is better to grow selaginellas in small pots which will not necessitate dividing the plant, a custom resulting in much harm.

Of the larger ferns of course Nephrolepsis exaltata Bostoniensis will always lead, and it is wise to have a large stock in all sizes; it is useless to wait until one plant furnishes up into an immense specimen; put two or three or more if necessary together in pot or pan; they become salable quicker and last longer. We prefer this fern in pans for two reasons—it is easier to hide or cover pans, and they grow better and last longer in them. Every year there is a scarcity of good specimens about Christmas or New Year's; try to have sufficient to last all through the season. N. davallioides furcans is another valuable plant for vase or hanging basket, and, by the way, more ferns should be grown in baskets, for they enable one to do finer work in decorating. Pteris tremula is an easily grown fern and very few can surpass it for mantel adornment. Davallia bullata in design form sell well sometimes, but they are scarcely to be recommended for general house culture.

Ferns are like palms or any other family of plants; there are many varieties, scarce and beautiful, which would sell readily or be used to great advantage in unlimited quantities. We have mentioned only those plants that are easiest grown and give best results, and whilst extended lists may in some cases, such as conservatory furnishing, etc., be desirable, yet any store trade, no matter how extensive, can get along very well with the list given above. The most important thing is to have your stock in good shape and well hardened off before it is required. Large specimen ferns of almost any graceful variety for use in your window will enable you to save money by purchasing less flowers, and in most cases the window will look better.

Buying Stock.

The country grower who also retails should attend to his stock at once. The city storekeeper with a small greenhouse attached had better wait till September or October when good bargains can be got, but even if he has to pay more than he would now, it would be cheaper in the end than to buy and bother with the limited stock he can accommodate. It is customary to have the cheaper grade of plants for loaning or decorating purposes, and a rule to keep your best and most perfect plants in reserve, for possible outright sales will be profitable to you as well as of more satisfaction to your customer.

The florist at the sea side or summer resort will need a plentiful supply of ferns and other decorative plants from now on, and a great many of the showy foliage kinds, such as fancy leaved caladiums, etc., will come in useful. It would be very little trouble, but a matter of much consequence, if florists added the names and places of discovery to the plants; this would impart needed information and add value to the plant.

IVERA.

KEEPING QUALITIES OF CARNATIONS.

And Keeping to Keep the Quality.

In speaking of the keeping qualities of cut blooms of different varieties of carnations, it must be understood that I speak from the standpoint of the commission dealer who first knows the flower when it reaches him, in what is really its middle stage of life, and that the conclusions formed are only from my own experience, and may be truthfully at utter variance with those of others whose methods of handling are entirely opposite.

How long should such a flower keep? We have absolutely no standard, and from the very nature of the case we never can have. Comparisons are unfair and unreliable in their results. Final conclusions as to relative keeping qualities can only be made where each sort is represented at same time and place by its best—that is, by flowers produced under ideal conditions for the variety concerned; each handled, not uniformly, but according to its requirements. Almost an impossibility.

Conditions and methods of growth, as well as the handling after cutting, are all important essentials in determining the quality of bloom. Character of soil, ventilation, watering, age, nourishment, the need of each supplied as the want appears—the variety counts for little.

It would perhaps interest growers if they knew and realized that their stock possessed an individuality. That all varieties when grown by some are found to be keepers, while on the other hand the reverse is true in other cases. Every commission man has shipments from growers that regularly reach him in fine condition, stem, foliage, size, color, shape, and even fragrance, all that can be desired, and he knows them to be strictly fresh, but he knows, furthermore, first class stock though they are, that he must sell them to the best advantage he can, and that with the least loss of time possible, for they will not keep. There is nothing in the appearance of stock to indicate it. General knowledge of business does not teach one how to detect it. Actual experience in handling that particular grower's stock, shipment after shipment, reshipping it, selling it locally to this one and that one, having some remain unsold for some little time, having it come back by complaints and long observation, finally forces him to realize it.

On the other hand, there is the grower whose stock always keeps, whose Scotts ship anywhere better than Triumphs of other growers; whose stock is set away carefully to fill orders of particular customers who pay a fair price for a good article and will have it. His stock is not rushed off, but, in fact, has every advantage, every turn of the market is taken to his pocket's benefit. Now, why is it? I do not pretend to know. It would pay growers to find out.

In a general way I will state that varieties that are not "croppers" are best keepers, those of slow growth, maturing late, leading, but no general rule can be deduced, as there are so many exceptions that all definite propositions either fall short or overreach. This is equally as true of the newer sorts as of the old.

White Cloud is an ideal keeper during the winter, while failing on the first approach of summer. Flora Hill, on the other hand, during the winter is an indifferent keeper, but for the rest of the year is up near the front. Lizzie McGowan by many is given offhanded as heading the list of good keepers. I can not say I have found this to be strictly true. Being a white, the deterioration is not as noticeable as it is in a colored variety, and it is in condition for use after an age that in others would be out of question on account of loss of color. The flower of a perfectly grown Tidal Wave will at the end of four or five days be in better condition than a Me-



Church Decoration arranged by Lewis Ullrich, Tiffin, O., for the wedding of his daughter.

Gowan equally well grown and cared for, but the advantage will seemingly be with McGowan; in reality it is not so.

Albertini is the best keeper I ever handled.

Armazindy and all its seedlings and sports that I have known can be rated as poor.

Of the newer sorts, Ethel Crocker easily leads all others, if kept in a reasonably uniform temperature, no matter what, so long as it is not an extreme.

To stand on the counter, go into the ice box, out again, and to be subjected to all sorts of changes and still be in the ring—America.

In a cerise, Leslie Laul has the advantage, growing old without turning blue or showing white.

As a commercial white, Genesee will outlast any variety with which I am familiar. It retains its whiteness to the last, and even when stale will sell at even money over other whites of same caliber.

In a Daybreak shade nothing equals Daybreak. Of course, there are Daybreaks and again there are Daybreaks. There are growers, and then again there are growers.

I can not well continue the list without comparing directly some of the sorts not yet generally disseminated with varieties of same general character, and I do not wish to appear to boom or detract from the merits of any.

On general principles stock that is of rank growth, long jointed, also stock that is past first freshness, should not have stems recut and should only have shallow water. To give fresh cut and to plunge deep will hasten development, and the end. Stock that is cut tight, of any condition of growth, also short jointed, hard wooded stock, evidently cool or dry grown, should go deep in the water, may often have stems recut, especially if rapid development is desired, and will keep best in a temperature of 8 to 10 degrees lower than the first mentioned class, say 45 to 48 degrees as against 52 to 55 degrees.

The ice box or cooling room should be as nearly free as possible from moisture and should have some arrangement, perfectly under control, for regulation of air circulation as well as the temperature. A thermometer is indispensable. Never have too great a difference between outside and inside temperatures. The box should be run many degrees higher in summer than in winter, grading to suit the season.

To get the best results in keeping cut carnations, you must study them closely. The stock you handle may invariably keep well for you and possibly poorly for someone else, or vice versa. Find out the why—there is one—and when you have found it, never lose sight of the principle involved. WALTER S. HEFFRON.

Chicago, Ill.

WEDDING DECORATION.

We present herewith an engraving from a photograph of the decoration arranged by Mr. Lewis Ullrich, assisted by his sons, Edmund J. and Harry Ullrich, of Tiffin, O., for the wedding of his daughter, Miss Emma Ullrich, which took place June 7, the groom being Mr. Otto J. Ehrenfried.

As will be seen by a glance at the picture, many palms were used, and Harrisii lilies were a prominent feature. Smilax was freely employed for festooning and nearly 2,000 carnations were used on the altars and in other effective positions.

The local press pronounced the decoration the finest of the sort ever seen in Tiffin.

CLEVELAND, O.—The Bate Bros. are moving their greenhouses to their new grounds on West Collamer avenue. One house is completed and another nearly so. They expect to have everything in shape by September 1.

MISCELLANEOUS SEASONABLE HINTS.

Shrubs.

Many florists, where the division of labor is not so finely drawn as it is in our largest cities, are asked to do most everything that pertains to horticulture. They are asked to plant shrubs, lay out lawns and plant hedges. You may not have had an education in this line in your youth, but if a man does not suffer with the hardening of the grey matter, which is next in affliction to softening, it is never too late to learn.

Pruning.

Just now pruning claims attention, and to plant a hedge and then give it no attention will bring you little credit. People that are worth working for are very willing to pay for the care of their trees, shrubs and hedges. Some witty fellow said the best time to prune is "when your knife is sharp," and as far as the health and growth is concerned that is true, but careless or indiscriminate pruning will deprive many of the shrubs of their blooming buds.

There are many of our early flowering shrubs that set their buds in early autumn, and if you prune severely during winter or spring you get no flowers. The lilac, Philadelphus, Forsythia, magnolia, tamarix, Pyrus japonica and viburnum are samples of these. As soon as the flowers are faded is the time to prune. Then there are the hydrangeas, altheas and the hardy roses which should be pruned hard back every winter because they make a good growth before they flower and want no summer pruning. The lilac that is most cut for its blossoms always bears the most flowers, because being robbed of their flowers they make a good summer's growth.

Study the difference between those shrubs that set their flower buds in the fall and those that mature only a leaf bud from the growth of which, if strong enough, a flower will develop. The former should be pruned as soon as flowering is over; the latter can be pruned in winter or spring. It is also true with the latter that if you left all the growth and did not prune in the winter you would have a lot of feeble growth and small flowers.

Evergreen Hedges.

Evergreen hedges, such as Norway spruce, hemlock or arborvitae, can be pruned in July; no better time. Established hedges of any size can be pruned with shears, but it gives them a sheep sheared appearance. The knife is much better and in newly established hedges by all means use only the knife. If it is true about bringing up the youth in the way he should go, then it is doubly so with a hedge. In fact, it is all in the first few years of training.

Deciduous Hedges.

A deciduous hedge such as privet or Spiraea Thunbergii, can be pruned in midsummer and again in winter or spring. The most ornamental hedge I have ever seen was one of Pyrus japonica, as often called cydonia, and well known as the Japan quince. It makes a dense, thick foliage and is brilliant in the early spring. As soon as the flowers are gone is the time to prune; then they make their growth and flowering wood for next year.

Fair Treatment.

I hear men who ought to know better condemn hedges without any exception. This is foolish, and they abuse them at the same time, not giving attention to those under their care anything like a fair or sensible treatment. To expect a hedge, either evergreen or deciduous, to be six feet high and of an equal thickness from top to bottom is wrong. They should be tapering, broad at the bottom and narrowing to the top; then every twig gets rain and light and air.

The majority of our patrons are in a hurry and want a hedge to be 4 feet high the year after it is planted. In the conversation you are reminded that "life is short and they are pretty old now," etc. It can't be done in a hurry, and if a hedge is a necessity anywhere it's a necessity to do it well; that means a rather slow addition to its size or height, and proper pruning.

Flower Beds.

It is also to your interest to see that the flower beds that you planted for your good customers are kept in good shape. Planting a flower bed or a lot of them is only a part of the job. The care is quite as important as starting with good plants. In some places there is a real gardener, but those are not our best customers. It is where there is a "yard man" kept or where the coachman has to look after the flower beds.

It is your duty to take a trip around and interview John Thomas and tell him to keep the coleus pinched down, the old geranium trusses picked off, and tell him that he can soak the canna and caladium beds every night if he has time, but with the geraniums and other flowering plants to give them a soaking twice a week and hoe the next day. It will pay you to see that your plants make a good show. If neglected or abused you will get the blame and next year they will try "Mr. Cutprice." WM. SCOTT.

NEW YORK BOTANICAL GARDEN.

The New Conservatories.

The accompanying engraving is from a photograph of the New York Botanical Gardens Conservatories in Bronx Park, New York City, recently erected by Hitchings & Co. The photograph hardly gives a proper idea of the size of the various houses, as on account of trees and other obstructions it was impossible to secure a front view, the photograph being taken from one end, which has the effect of fore-shortening the houses.

The entire length of the range is about 525 feet. The central house is 100 feet in diameter and 87 feet high and the corner houses are 85 feet, outside dimensions, the connecting wings being 120x30 feet.

It surely is a noble structure and one of which both the garden officials and the builders may well feel proud.

These conservatories and the park in which they are situated will no doubt be visited by many of our readers next August.

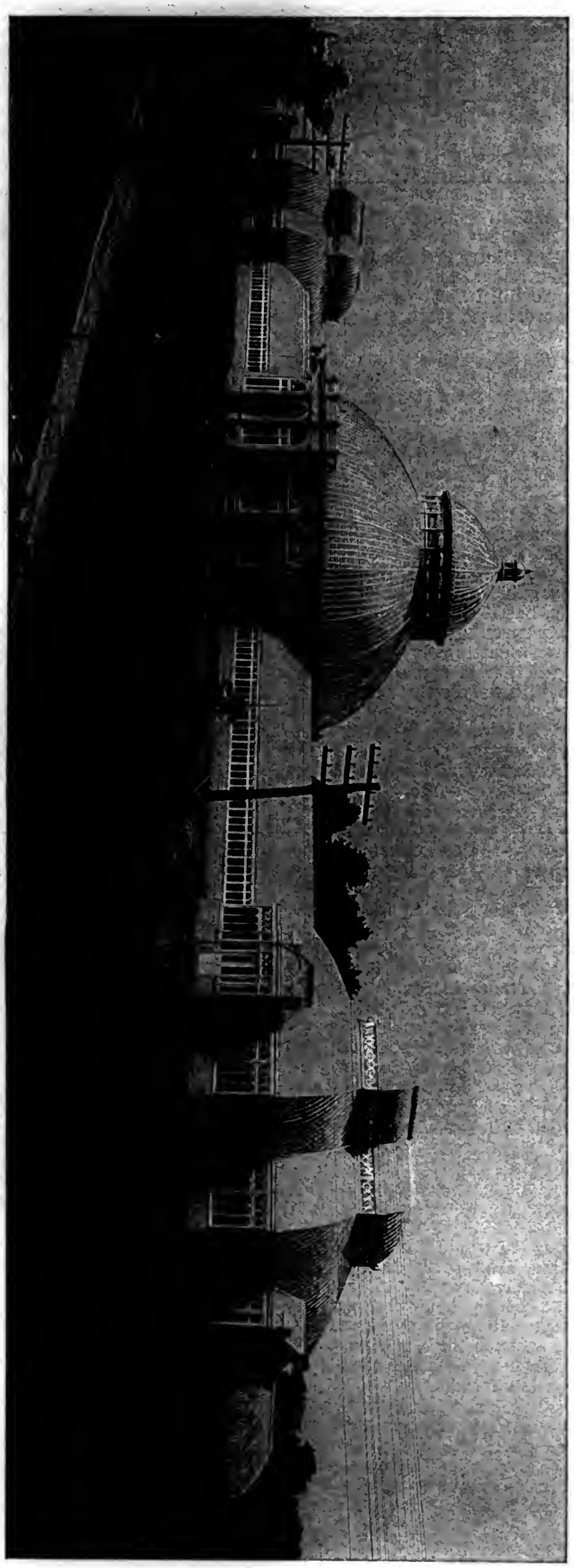
THE COAL QUESTION.

Shaumburg, July 1, 1900.

Tear Frient: It seems to me dot some off de growers around Chicago don't know a goot ding when dey see it, or else dey woot pay more addention to de coal question wich is now being atchidated. Dis is undoubtedly one off de best dings wich has efer happened und shoult receive de subbort off efery grower in dis vicinity. Don't lay pack und let oders do all de work und den exbect to receife a share off de penefits dis winter wen coal is way up out off sighd. Blace yourself in communigation mit de gommittee und see wat you can do for dem, or wat dey can do for you. Get a move on you.

I know de wetter is bretty warm to ask anypody to move too fast, but mark wat I tell you: de feller who don't get in on de ground floor now will wish dot he had done so dis winter when de wint is plowing apoud a mile a minute und de dermometer is way down pelow Cairo und coal is so high dat you can't reach it mit a balloon.

I remember some years ago when I worked in a blace on de hill in de hoopskirts of Cincinnati, we had a wery cold spell und de wint fairly howled around de blace. It was my night to fire und de foreman came to me und said: "Fritz, pe wery gareful tonight und don't let de dermometer get down too low in de houses; keep



The New Conservatories of the New York Botanical Garden, Bronx Park, New York.

[Erected by Hitchings & Co., New York.]

up de heat if you haf to burn up de office furniture."

You see, it was frozen so bad dat we could not get any coal from de city out und we had but wery little coal in de shet.

Well, dings went along all right untill apoud midnight. Aber den it got cold, und de wint, Moly Hoses! but it dit plow. De boliceman on de beat who used to come in to get warm und shleep a few hours efery hour or so tried to get as far as de corner to pull his box, but de wint chust picked him up und carried him pack to de coal shet again. You talk apoud wint here in Chicago; why, de wint here is a summer zephyr gombared mit de wint we hat dot night. To make madders worse de law gombelled us to haf a high shmoke stack, so de shmoke woult not spoil de neighbor's shtone front houses.

It would not haf peen so bat but de damper was ausgespielt und we could not gondroll de draft. De draft was so strong dot I had to lay de coal on de fire und hold it dere mit de shofel till it got started or it would go right up de chimney. Well, sir, it got worse und worse; de old shmoke stack was bent like de mast on a ship from de wint und I was almost sgared to deat dat I would go up drough de stack mit de coal, so I got de boliceman to hold on to me wile I shofeled de coal on de fire. He weighed apoud 300 pounds und mate a bretty goot anchor.

Well, dings went along nicely until I reached for de bottle wich de boliceman handed to me und I left go off de shofel. Dot seddled it. De hole schwindel went up de flue, shofel, bottle, coal und all went drough de stack und de shofel landed on top off one off de rose houses und knocked out dree lights off glass. Dere was a bredicament—dree lights off glass out und de dermometer so low dot de mergury was frozen shtiff in de bulb. Here was a madder wich called for prompt agtions, but de wit of dot Irish boliceman was equal to de oggasion; he climbed up on de top off de house und sat ofer de hole in de sash until I could find straw mit wich to rebair de damage.

Nefer again do I want to put in such a night, und de mere thought off it makes me dremble for fear dot some poor defil might be in de same fix dis winder if he don't watch oud und get in line now on dis coal bissness. Rememper de old adage, "In time off war brepare for peace." Yours,

FRITZ BLUMENSCHNEIDER.

PHILIPSBURG, PA. — Miller Hess has purchased the greenhouse business of his father, C. C. Hess, and will continue it on his own account.

MARIETTA, PA.—Joseph Windolph, a nurseryman and florist for forty years, died June 9, aged 81 years.

TROUBLES

Conducted by LEONARD LAWTON

Plant Advertisers.

Clorus says he was very much interested in the experiences of C. H. G. and intimates that he has had troubles of his own in this respect. He makes the following suggestions:

"The buyer should remember where he once got good stock and write to the same place again, even if it is a year later, asking if they can supply the stuff, and if not, where it may be had. They will gladly advise an old customer.

"Those who have had no previous experience with a house offering stock they need would do well to order a small quantity first, examine closely, and if satisfactory order more at once. But never expect to receive good plants for almost nothing.

"Why cannot the Review make its office a bureau of information, inviting complaints regarding poor stock received, and if the facts warrant it, putting the offender on record as the collection agencies do as regards credits? You would soon know who were sending out poor stuff as a regular thing and would be able to give inquirers good advice. You could make a small charge to cover the expense.

"About a year ago we ran short nearly 30,000 roses, 6,000 fuchsias, 10,000 Rex and flowering begonias, and a good deal of other stock. We bought 20,000 to 25,000 roses and thousands of other greenhouse plants and hardy shrubs, etc., from the Storrs & Harrison Co., Painesville, O., and always found their stock clean, healthy and full count, except once, and that was evidently some error on the part of their packer, which was promptly remedied when we called their attention to it. Furthermore, they have never substituted in any of our orders. Whenever we sent them an order containing items they did not have, they always notified us promptly that they could not supply them.

"We were also greatly pleased with all the plants sent to us by McGregor Bros., Springfield, O.; Nathan Smith & Son, Adrian, Mich. (their chrysanthemums were extra fine), and E. G. Hill & Co., Richmond, Ind. We received some fine roses from the Elizabeth Nursery, Elizabeth, N. J., but this firm made a big mistake. They accepted a very large order and sent us only a quarter of the amount and kept us waiting too long after we ordered before they sent anything. But the roses they sent were strong, stocky plants. Budlong, of your city, sent us a very fine lot of American Beauty.

"I have made free use of your classified advs. and have found them very handy. And I have found some good, honest men and clean growers, but I have also found, I believe, the dirtiest and most worthless stock in the United States.

"One firm sent us 200 Manettia bicolor that were so covered with scale that thousands were laying in the packing box. I had the whole place where they were unpacked, soaked with boiling water and returned the plants, and they wanted to know why! This same firm sent us Begonia Erfordia for B. Smithii, and six more lots without a single name on any of them. Also a microscopic lot of Rex begonia rooted cuttings. They had been propagated from leaves in the usual way, but if the leaf cutting had three or six sprouts they were divided into separate 'cuttings' and every one counted, whether it had roots or not. And even this wasn't the worst. The sprouts were put in bunches as you would put potatoes in a sack. All this rubbish was returned, and never in my life will I recommend the place or order anything there again.

"We received 1,000 fuchsias from another advertiser, which were ordered to be in five varieties, one single, one double white and three other double sorts, no varieties being stated. The plants were from 6 to 18 inches tall, and the long ones had only two or three leaves on the top, the others had dropped off. The varieties were too many to count and only 35 double white among them. Three-fourths of the plants were worthless for immediate use to us, being too tall and naked, and the remaining ones we did not dare to send out, as we could not find out what they were. They were accompanied by a bushel of mealy bug, put in, we suppose, as extras and to make full count.

"We received 300 pelargoniums from 3-inch pots at $10 per 100 (fancy price), and as this was a large eastern firm I thought I would have some nice stock plants. But the tops had been taken off a few days before they received the order and perhaps the stumps kept a little too moist or were put under a bench for a few days. At any rate, when we received them they had fine yellow foliage.

"You will find another lousy wholesale concern in your own city, and some good ones, too. I visited many places during an extended trip and my observations helped me a good deal in enabling me to later place my orders where I would have a fair chance of getting decent stock when I needed it.

"I want to get all the information I can about people that are to be depended upon for good stock. I have contributed my experience. Now let us hear from others."

As we have said before, the Review is ready to give the best kind of free advertising to firms that are careful to always send out good, clean stock. Send in your experiences and give the names of the concerns you have found you could depend upon for quality. And while we may not be able to start such a bureau as mentioned by "Clorus," we are ready to debar from the advertising columns of the Review any concern that makes a habit of sending out measly stock. We may add that some concerns have been already dropped for this reason. Others will follow if the facts warrant it. To knowingly carry such we consider unfair not only to our readers, but to those who do send out honest goods.

Every reader can help in this good work. Will you do your part?

A Delicate Case.

H. W. writes: "I would like the opinion of The Troubles editor on the following question: Suppose an organization, political or otherwise, composed of quite a large number of individuals of your city, give a big banquet or similar blowout and find when settling time comes that there is not money enough to pay the bills, so the florist is stood off with a vague promise that if the members will chip in maybe they can raise enough to pay up.

"Will it be good business to enforce collection if bill is not over $10, or for any amount, for that matter? Some of the members are pretty good business friends and customers. Will the fact that you collect by legal means, when necessary in such a case, make more enemies and lose more trade than the bill is worth?"

We are inclined to think that H. W. had better not attempt to enforce collection by legal means. It seems a case for diplomacy rather than force. And again, unless the organization is incorporated, a suit wouldn't stick anyway. It looks bad that men of standing in the community would allow such a small bill to go unsettled, but people are queer in such matters.

As the case now stands, each of the men interested is under a certain obligation to H. W. and we think he is in a position to realize more than the value of his bill from the situation. He might strengthen this position a little by seeking a suitable opportunity to intimate in an offhand way to the chairman of the committee, or the most influential member of it, that under the circumstances he doesn't feel like pressing the collection of the bill, and has no doubt that the members will be able to make it good to him in other ways.

Possibly this may be a little too broad. It all depends on the character and temperament of the men. H. W., knowing the men, will know how strong to make the intimation.

Can any reader suggest a better solution?

Salaries.

John V. writes: "The specialist who is successful, and able to get out of it all there is in it, certainly deserves better pay than the man who has charge of a small place where a little knowledge of everything is required. But a manager or propagator on a large place devoted to a great variety of plants for the wholesale trade or retail catalogue business deserves better pay than the specialist (and I think that in most cases he is getting it), for it takes more time, experience and study to handle in a large way and with equal success the great variety of stock that must be grown.

"But even these well informed and widely experienced men will have specialties in a way. One will be better at roses, another at carnations, another at propagating begonias, and so on. The plant they love the most will receive the most study and care, and as a result they will have the best success with it."

Black Ants.

P. G. suggests: "Saucers of molasses placed around will capture the black ants, and they can be destroyed when the saucer is full. They are not wise enough to avoid this trap."

NEW YORK.

Business Crumbs.

"Happy Fourth of July," and who cares about business, its condition, or its strife? Where and how to catch the most fish, or in other ways to condense the most pleasure into the least time, is of more import to the great majority than the price of flowers or the making of an occasional boutonniere for some peripatetic dude. There's scarcely anything else to do except in the case of an order for funeral flowers, a little steamer work, and the crumbs despised at other times.

Club Meeting.

The Florists' Club meets on Monday, July 9th, and the bowlers expect a large crowd on the alleys that afternoon, for it is expected that the Flatbush boys intend to be there just for fun, and perhaps——!

The Parks.

The old greenhouses at Central park, which have been used for propagating the bedding plants used in the city parks, were recently sold at auction. There was about 25,000 square feet of glass, a large potting shed and five boilers, all of which were sold for $80. The work of demolition is to commence at once. The new propagating houses are in the rear of the large conservatories recently built.

Whilst speaking of parks, there will be no special efforts made by the New York or Brooklyn park departments in the matter of extensive bedding on account of the holding of the S. A. F. convention here. New York is far behind many other cities in the matter of public floral displays, but the parks are naturally very beautiful, which is one consolation, and visitors will no doubt enjoy them for that reason.

The Plant Markets.

The committee appointed by the New York Market Florists' Association called upon the comptroller a week ago in regard to the tumble-down condition of old Clinton Market, where the most of the small plants are sold to New Yorkers, but only a half-hearted promise was made to look into the matter. It appears to us that this is too important a matter to treat lightly. The whole of the trade in New York should assist these growers in obtaining their rights; there must be no isolated committees, but a delegation from all societies, a crowd of 50 or 100 — more, if necessary — fully prepared with facts bearing on the importance of the flower and plant trade of the city, impress the authorities that a decent market is absolutely necessary, and must be furnished. Let the demand have some thunder about it and it will be granted. New York is a rich city; nothing like the sacrifices made daily at Clinton Market is necessary or beneficial to the plant trade. Another meeting of the Growers' Association will be held at the Clinton Market restaurant, Thursday, July 12, at 8 p. m., when it is hoped some plan of campaign will be adopted which will result in obtaining a plant market in this city creditable to it and commensurate with the importance of the trade.

Various Items.

Thomas Young, Jr., has been quite busy on telegraphic orders from out-of-town florists for baskets or boxes of flowers sent to parties visiting this city or those going to Europe, and from what we have seen every order is put up with the same care and style, in fact, more particular than if sent from your own place.

Chicago has entered the bowling tournament. The St. Louis boys needn't mind the scarcity of trolley cars; they'll see plenty here. We hope they will get into line on the alleys.

The terrible fire which destroyed several ships and the docks of the North German Lloyd Company on Saturday, with the awful loss of life in consequence, has thrown a gloom over everything, and many will not carry out their intention of visiting Europe this summer.

The Convention Souvenir.

The souvenir to be given to those attending the S. A. F. convention by the New York Florists' Club will be the best thing ever gotten up for a similar event. We have had the pleasure of reading some of the matter it will contain, and have no hesitation in classing it as a gem and by far the most comprehensive history of New York floriculture ever compiled. It will be highly prized and there will be a wild scramble for extra copies. As an advertising medium it will be very valuable, which wide-awake business men should consider. It will be put on the press July 15.

Bowling.

The bowling scores on the New York alleys Monday night were:

Burns	148	175	109
Roehrs	120	117	107
Lang	145	141	126
O'Mara	132	147	141
Manda	153	134	104
Marshall	134	154	116
Traendly	102	153	178
Thellman	141	131	155
Donlan	162	136	141

J. I. D.

BUFFALO.

A Hoss Soldier's Wedding.

The mid-summer quiet dawned on us very perceptibly yesterday (Monday) at 7 a. m. and fire crackers are more fashionable today than rosebuds. Last week wound up the June weddings. The largest of the week was a military affair and the groom was a hoss soldier with yellow facings, so the decorations, which were rather elaborate, had to be yellow, with yellow roses barred. Daffodils and coreopsis and yellow pansies were largely used. The daffies were put into cold storage in March and brought into the greenhouse ten days before they were used; they were a great success.

Building.

I hear this morning that W. J. Palmer & Son are putting up two iron houses, each 350 feet long.

Mr. Jerry Brookins, of Orchard Park, is also building one house 200x45 feet. With all this, and Christenson's seven houses and two old ones being pulled down and rebuilt at Cold Springs, we are, I think, doing our share.

Visitors.

Yesterday was Dominion day and a large delegation of Canadians was in town, among them a few florists. Mr. Dunlop's foreman, whose name I am ashamed to have forgotten, and Mr. Jay, called on us. They were both pleased at the look of our beautiful streets and rather surprised at the size and pretensions of the Pan-American.

Good Bedding.

Visitors should not neglect to visit Forest Lawn just now, for there are some first rate examples of bedding

out there. The geranium beds are about perfection and look as if planted four months. They are Nutt, Alphonse Riccard, Mrs. Hill, Ernest Lauth and old General Grant, the best of all yet where a large mass of scarlet coloring is desired.

That Tired Feeling.

Every visitor says, "Oh, yes, we have had nice rains." We get none. They tell me the race course is so dry at Fort Erie, over the Niagara river, that they have to sprinkle the track between each race; at least this is what Billy Kasting, S. A. Anderson and W. Belsey Scott tell me. Perhaps this is exaggerated and partly imagination. Sometimes the results of a race will produce a parching, feverish and sinking sensation, and instead of exhilaration you wish you had hold of the hose and were watering a bench of Boston ferns, from which the returns may be slower but much surer. W. S.

CHICAGO.

The Market.

Monday opened with good business and a fine lot of shipping orders, but on Tuesday the dealers found they were up against the real summer dullness, stock (with the very few good roses as an exception) selling at any old price. The usual report is: "The less said about the market the better."

There is a tremendous glut of sweet peas and the very finest are sacrificed at any price. Axtell of Evanston sent 25,000 to McKellar & Winterson Tuesday and the price they brought would hardly pay for the picking, though they were extra fine. There are literally sweet peas to burn and no buyers except the fakirs.

Peter Reinberg is cutting some good Golden Gates, all of which sell well; the best bring $8 a hundred.

Kennicott Bros. Co. say they are handling an immense amount of stuff, but at prices that wear on their nerves.

It is truly a fakir's market now and without these gentry it would take many wagons to cart away dead stuff.

Various Items.

John Hoeft is adding two new modern carnation houses, each 20x200, to his plant at Park Ridge.

Adam Harrer has rented his houses at Niles Center to a vegetable grower.

E. E. Pieser of Kennicott Bros. Co. leaves this week for West Baden, Ind., the first of his series of short summer outings. He takes his vacation in chunks, as it were, from now till September. An eastern trip will be included this summer.

O. C. Doerrier will next Saturday open a store at Evanston Ave. and Gray St., in Lake View, and it is understood he will also soon erect a range of glass.

C. W. McKellar has been called to his old home in Chillicothe, O., by the serious illness of his father.

H. Schiller is entirely rebuilding his store and greenhouses on West Madison St., and will have a model establishment when the work is completed.

A. Rosen, bookkeeper for McKellar & Winterson, is back from a two weeks' vacation spent in Louisville, Ky. He says the Louisville florists were unusually busy with commencement work when he was there.

William Desmond, an old time florist, very prominent in the trade here in the early days, died of heart disease last Saturday night. Death came while he was alighting from a Cottage Grove Ave. car at 50th St., near his home. He was 60 years old and unmarried.

The Globe Nursery and Greenhouses, 53d, Adams and Jackson Sts. (Austin), are building four houses, each 12x.0

Bowling.

Following are the scores of the first three games for position on the team to represent Chicago in the New York tournament. Fred Stollery got the highest average and there went with it a box of cigars offered by Ed. Winterson.

	1	2	3	Tot.	Av.
F. Stollery	173	113	157	443	148
Wilson	137	142	148	427	142
Hauswirth	139	155	131	425	142
Degnan	156	136	130	422	141
Winterson	137	115	164	416	139
Kreitling	108	95	137	340	113

The contest for a bowling ball between Degnan, Hauswirth and Winterson resulted as follows:

	Games	Tot.	Ave.
Degnan	10	1594	159
Hauswirth	10	1528	153
Winterson	10	1508	151

BOSTON.

The Market.

From the middle of the month until the 28th trade was A1 most of the time, weddings and graduations, you see. The morning of the 29th fell flat and stale and ever since it has looked as if all the honeymoons were over and the last diploma had been given. Thus closes the campaign of '99-'00, which has not revolved so swiftly about the "Hub" as predicted, but has really been a successful season, everything considered. But where is the fairness of prices going up on everything the grower has to buy and going down on everything he has to sell? There is a little complaint about collections being slow. With general business as good as now reported, the retail florist ought to be able to keep his ledger fairly well cleaned up and give the grower the benefit.

Prices: The best roses at the cooperative market got up to 8 cents, and the best ordinary kinds of carnations touched 1½ cents a day or two; 6 cents is the highest just now on roses and 50 cents per 100 will start about all the pinks. A fair supply of outdoor blossoms at usual prices.

News? Scarce.

Houghton & Clark have on their look of superiority again. This time Helen Gould has been in and ordered goods for Wellesley's class day. As the delivery was largely made from Freeman & Fletcher's new sweet pea "Royal Purple," there is an autumnal tinge to the atmosphere out West Newton way. B. T.

ST. LOUIS.

The Market.

Business was a little better the past week than it has been for some time, owing to the extra demand caused by funeral work. Saturday and Sunday nearly all the florists were busy with this kind of work and white flowers were scarce and all kinds of outside flowers sold well. The supply of roses and carnations is limited and the best of these stocks sell out clean each day. Beauties have been in good demand but are very scarce; the best sell at $3 per dozen; Meteors and Kaiserins at $4 and $5 per 100, and other roses at $2 and $3. Brides and Maids are small and still badly mildewed and only good for work. Sweet peas are still very plentiful and bring 20 cents per 100 or $1.50 per 1000. They are badly waterSoaked and many are unsalable. Carnations hold out fairly well. Pink and white are the principal colors and the price runs from $1 to $1.50 per 100. Few carnations have gone to waste the past season and little or no complaint is heard about them. Smilax is plentiful and sells well at $12.50.

Notes.

The second meeting of the exhibition committee was held Thursday afternoon. All were present except Mr. Kunz, who was sick. The preliminary list was put in shape for the printer and the Shaw prizes ready to be inspected by the directors of the Missouri Botanical Garden. F. J. Fillmore resigned from the committee and F. H. Weinhardt was put in his place. The committee will meet again when the lists are out, which will be some time next week. The committee on hall is expected to report by that time.

The trustees of the St. Louis Florists' Club will meet this week and complete arrangements for our annual picnic, which will be held some time this month.

Don't forget the meeting of the club Thursday afternoon, July 12, at 3 o'clock.

Thomson, Anderson & Kennedy are very busy just now. They are building a $5,000.00 house at the Missouri Botanical Garden, a $2,500.00 one for George Walbart on Grand avenue, and a $500.00 conservatory for Judge Seddon, on Watterman avenue, which is nearly completed.

The St. Louis delegation which go to

SAMUEL S. PENNOCK. Wholesale Florist.
During the summer we will be Open from 7:30 a. m., to 6:00 p. m.
American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
Mention The Review when you write.

the New York convention will be instructed at the next meeting to vote for Chicago for the next meeting place of the S. A. F. Of course we want Chiacgo's help for 1903 during the World's Fair.

Our visitor this week was Fred K. Luke, florist at the Ohio State University. Mr. Luke called on the trade in company with Prof. Irish, of the Missouri Botanical Garden.

Kuehn and Beneke have arranged to play a series of twenty games for a prize valued at $5, the match to be rolled according to the rules of the American Bowling Association; the first games to be rolled after July 4.

F. J. Riese, who was with Vaughan's seed store, Chicago, is now with the Plant Seed Co., of this city. Mr. Riese called on the trade Saturday and made a good impression. Should Mr. Riese decide to remain here he will become a member of our club.

We read with great pleasure in Brother Scott's notes that young Geo. McClure has taken a position at the Missouri Botanical Garden. From the description given of this young man by Brother Scott he must be all wool and a yard wide. Young George has not arrived yet, but they expect him this week and then we will go out and form his acquaintance. J. J. B.

KEEPING CARNATIONS.

We present in this issue an article on the keeping qualities of carnations, by Walter S. Heffron, Chicago, that we believe is worthy of more than ordinary attention. It gives the results of years of experience of a careful observer in handling carnations in the wholesale market, and the conclusions of a thoughtful man that are based on long experience are always of the greatest value.

Certainly it is a very important matter for the grower to have his stock reach the market in such condition as to enable the dealer to get the very best possible returns for him. And if it is of the kind that has to be disposed of quickly at any price in order to get anything for it, he could expend his thought and effort to no better purpose than in ascertaining the cause and removing it.

That such differences exist is beyond question. It has been noted time and again, though it has never before been stated so clearly and distinctly as by Mr. Heffron in his article in this issue. We commend this article to the attention of all growers of carnations, and will be pleased to have the views of any reader on the subject.

PITTSBURG CUT FLOWER CO., Ltd.
WHOLESALE FLORISTS.
Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,
FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.
Mention The Review when you write.

SPRINGFIELD, MASS.—C. F. Fairfield's greenhouses at 30 Eastern avenue have been purchased by D. J. Murphy, who will change the name to Eastern Avenue Conservatories. He will remodel the houses. Mr. Murphy was for several years with Lange, of Worcester, and was also for some years with Galvin, of Boston.

PLATTSMOUTH, NEB.—Mr. W. J. Hesser recently returned from a business trip through Colorado, visiting Denver, Colorado Springs, Manitou, Pueblo, and Cripple Creek. He reports good sales of palms at each place visited.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman or manager; would run a place on shares, or rent. Place must be in good condition. Address 50, care Florists' Review

WANTED—Boy to learn the growing of cut flowers. Please state age. Address John L. Wyland, De Haven, Pa.

WANTED—Situation as assistant florist. Am interested in the business and would take medium wages to start. Address H. M., care Florists' Review.

WANTED—A man to learn green-house business. Steady place the year round. H. S. Baker, Warsaw, N. Y.

SITUATION WANTED—A good all-around grower of roses, carnations and general stock. Address 40, care Florists' Review.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT—Five Greenhouses, heated by steam; city water; cheap rent. Call Saturday or Sunday on A. J. Harms, Agent, cor. Berteau and Western Aves., Harms Park, Chicago, Ill.

GREENHOUSES WANTED—We have a town of over 2,000 inhabitants (in Indiana) with no greenhouse or florist, and we are 53 miles from a point where cut flowers and plants can be had. A fine opening for some one. Suitable grounds can be had free of rent by a desirable party. Address W. S. M., care of Florists' Review.

GREENHOUSES FOR SALE—Over 3,000 feet of glass. Ten years' record sales have been $1,200 per year, without advertising. Will sacrifice. If you mean business, address Mrs. S. A. Starr, Joliet, Ill.

WANTED—Some second-hand cast iron pipes, 4-in. or 2-in. wrought iron pipes, in good condition. W. P. Ranson, Florist, Junction City, Kan.

JOHN B. FERGUSON, Wholesale Florist,
444 Sixth Ave., PITTSBURG, PA.
LONG DISTANCE 'PHONE 2985.
We Command a Good Market.
Consignments Solicited.

WANTED—By a young lady of fine personal attainments, position as clerk and assistant to florist. Moderate salary to start. Please address Miss Wheeler, 10 E. Van Buren St., care of Walter Kreitling, by whom recommended.

WANTED—A boiler to heat 5,000 sq ft. of glass. Must be in good condition and cheap. Steam or hot water. O. C. Heberling, Lancaster, Ky.

WANTED—A young man for general propagating and rose growing, on a place of 14,000 feet of glass. Address J. H., care Florists' Review.

WANTED—A good A1 man to grow roses, carnations, mums and general bedding stock; must be a good propagator. A steady place for the right man. State lowest wages, with board, to start with. C. Humfeld, Clay Center, Kan.

FOR SALE—House, barn and greenhouses, with stock in good running shape, $700 cash, balance easy payment. Within 40 miles of Chicago. Address American, care of Florists' Review.

FOR SALE—Greenhouses with 10,000 ft. of glass and 5 lots 125x25; steam heat and well stocked. In Chicago. Address 10, care Florists' Review.

FOR SALE.

FOR SALE. — On western coast of Michigan, 2 lots, 2 greenhouses, all modern appliances, in excellent condition Good business location. Good opportunity for energetic man. Price **$2,200.00.** Write for particulars.

FOR SALE OR RENT. — Near Erie, Pa. Lot 100 x 150. Large two-story dwelling and four greenhouses almost new. Good glass and well heated. Excellent business location. Price **$2,000.00,** easy payments.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.
P. O. Box 869.
Mention The Review when you write.

PLANTS...
Celery, Tomato,
Cabbage, Peppers, Etc.
Cheap in Large Lots.
J. S. LINTHICUM, WOODWARDVILLE, A. A. Co., MD.

SAN FRANCISCO.

Various Items.

Business remains quiet. Stock is plentiful and of fair quality, but moves slowly. Tuberoses are now in the market; also a few auratums and sprays of Stephanotis floribunda. Carnation Hannah Hobart is coming into market in fine shape; good stem and perfect calyx and still commands the steady price of $1 per dozen.

Our city customers are flocking to their country homes for the summer months, leaving Mr. Florist wondering why Mr. So. and So. didn't call and settle that $5 or $25 bill before he packed his camping outfit for "Dontcareadamville." While Mr. Florist awaits the absent-minded beggar's return you can see him near the waste barrel burying his anger among old Maids and Beauties, like the old maids, with beauty faded.

Prices: American Beauties, 50 cents to $1.50; Brides and Bridesmaids, 25 to 75 cents; Meteors, 15 to 35 cents; Testouts, 25 to 35 cents; Perles, 25 cents; Brunners, 5 cents per dozen. Carnations, Hobart $1, Crocker and mixed fancy 50 cents, Schwerin 40 cents, Bradt and Gold Nugget 25 cents, Hill 25 to 35 cents, Scott 15 cents, Portia 10 cents per dozen. Sweet peas, 50 cents; tuberoses, $1 per dozen; stephanotis, 25 cents per spray; smilax, 6 cents per string.

Mr. Charles Bradford, the owner of Rockridge Park, Oakland, Cal., intends to make a large planting of Muehlenbeckia complexa next winter. The grass will be spaded down and muehlenbeckia takes its place on the lawns.

Goldstone Bros., on O'Farrell street, will soon move from their present place of business.

Bennett Bros., Oakland, Cal., have finished planting one house of carnations and chrysanthemums and the plants are looking well. Two more houses, 35x80, will be put up at once.

J. N.

CLEVELAND, O.

Last year G. M. Naumann built six houses for carnations and general stock, each 16x70, and put in a large 50 horse-power boiler. This year he is putting up two rose houses 20x100 and adding 30x60 to his potting room, as well as extending the smoke stack. When the work is completed he will have a total of 14 houses containing 25,000 feet of glass.

PITTSBURG.

The store of A. M. Murdoch was not damaged in the recent big blaze, though it was at one time almost surrounded by fire.

BARABOO, WIS.—Hugh Hills has sold his greenhouse to R. H. Williams, who will conduct it in future.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

Carnation Blooms...
In Unlimited Quantities, Shipped to all points.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
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The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of specia interest to young people. Elaborate in designing handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

Choice Pot Plants, 1c Each.

We wish to give our customers the benefit of very low prices for a short time.

Geraniums, the choicest, most desirable varieties to be had, true to name. Bruanti (best semi-double scarlet), S. A. Nutt, Athlete, White Swan, La Favorite, Mrs. J. M. Garr, (best single white), Beaute Poitevine, American Wonder, Mrs E. G. Hill, Mme. Bruant and others, $2 00 per 100, strong 2½-in; Rose Geraniums and Mme. Salleroi, 1c each; strong 2-in.

Petunias, double fringed, in full bloom, Henderson's and Dreer's latest superb sets, strong 2-in. 1c each; really worth $1.00 per doz.

Fuchsias, choicest sorts, strong 2-in.; $1 50 per 100; fine 4-in. full bloom at 6c; 2¼ and 3-in. at 2c.

Coleus, elegant named varieties, all beauties, 1c each, strong 2 and 2¼-in.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c.

Salvias and **Giant Alyssum**, 1c.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay.

Smilax, strong 2-in., as fine as any you could wish, $1 50 per 100; $12.50 per 1000.

Roses, fancy extra select Brides, Perles and Maids, 3-in., 4c; the same in 2½ in pots, including Meteor, 3; Kaiserin, Wotton, Golden Gate, Belle Siebrecht, strong 2½-in., 4c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

FOR SALE.

1500 N. Cordata Compacta

in 2-inch pots, strong plants at $3 00 per 100
Also, strong plants from bench, $2.00 per 100

Chas. Schweigert, Niles Center, Ill.

Mention The Review when you write.

Smilax THAT IS SMILAX.

In 2½-inch pots.

Per 100, $1.00; per 1000, $8.00.

JOHN N. CHAMPION & CO.

1026 Chapel St, New Haven, Conn.

Mention The Review when you write.

DES MOINES, IA.—J. M. Rockwell, a retired business man, will build a greenhouse 20x80 on the rear part of his residence property and will rent it to F. W. Krieger, who will grow bedding plants. J. F. Kurtzwell, who was reported in the daily press as interested, is in the plant department of the Iowa Seed Co. and will probably remain there.

BUCYRUS, O.—Otto Schubert, the florist who was badly wanted here some time ago and whose portrait was published in the Review at the time, has been arrested in Michigan and will be brought back here to answer the charges against him.

DULUTH, MINN.—Eischen Bros. have opened a store at 129 West Superior St., which will be in charge of J. K. Richter. Their greenhouses on Arlington Heights now cover 57,000 square feet. The firm is composed of H. C. and O. W. Eischen.

COUNCIL BLUFFS, IA.—J. F. Wilcox has completed his new range of ten houses and is planting in.

E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

Mention The Review when you write.

IF YOU DON'T FIND WHAT YOU WANT, WRITE US.

	Per 100
Anthemis, Double Yellow Marguerite, 2¼-in.	$3.00
3 in.	6.00
Alternanthera, 2¼-in., $20 a 1000	2.50
Abutilon, Var. Trailing, 2¼-in	4.00
Begonia Rex, 2¼-in.	4.00
4-in.	10.00
Cobæa Scandens, 2¼-in.	3.00
3-in.	5.00
Dracæna, 6-in 6.00; 4½-in.	25 00

	Per 100
5-in. $35.00; 6-in.	$50.00
Fuchsias, 2¼-in. $3.00; 3-in.	4.00
Fuchsias, Trailing Queen. 2¼-in.	4.00
Ficus Elastica, 3½-in., $3 doz.	
Geraniums, Mars. 2-in.	4 00
Mars, 2¼-in. $6.00; 3-in.	8.00
Rose Scented, 2¼-in.	3.00
Dbb. Grant. 2¼-in.	3.00
S. A Nutt, 2¼-in.	3 00
La Favorite 2¼-in.	3.00

	Per 100
Ivy, mixed, 2¼-in.	$3.00
German Ivy, 2¼-in.	2.00
Maurandya Vine, 2¼-in.	2 00
Manettia Bicolor, 2¼-in.	3.00
Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in.	6.00
Vinca, 2¼-in. $3.00; 3-in.	5.00
4-in. $10.00; 5-in.	15.00

Cash or C. O. D.

Write us for prices on 1,000 lots

ROOTED CUTTINGS. Per hundred.

Alyssum, Dbl. Giant,	$1.00
Variegated	1.25
German Ivy	1.25
Geraniums, Swt. Sctd.	1.50
Assorted	1.50
Mixed	1.25
Happy Thought	2.00
Freak of Nature	2.50
Bronze	$1.50
Geraniums, Silver Leaf	1.50
Mrs. Pollock	2.00
Mrs. Parker	4.00
Mme. Salleroi	1.25
Mars	2.50
Mme. Bruant	2.00
Mme. Taylor	2.00
Dr. Livingston	$2.00
Impatiens Sultani	1.50
Lemon Verbena	1.50
Manettia Bicolor	1.50
Pelargoniums, mixed	3.00
Stevia Var.	1.50
Vinca Var	1.25
per 1000	10.00

GREENE & UNDERHILL, - - - Watertown, N. Y.

Mention The Review when you write.

SURPLUS STOCK

CHEAP FOR CASH.....

1000	ROSE GERANIUMS, from 2½-inch pots	per 100, $2.00
500	GERANIUMS, assorted, from 3-inch pots	" 2.00
800	HELIOTROPES, from 2½-inch pots	" 2.00
300	LEMON VERBENAS, from 2½-inch pots	" 2.00
500	PETUNIAS, Double White, from 2½-inch pots	" 2.00
300	SMILAX, from 3-inch pots	" 2.00
200	GERANIUMS, Mme. Salleroi, from 3-inch pots	" 2.00
5000	CHRYSANTHEMUMS, all the new ones of last year	" 2.00
1000	LATANIA BORBONICA, from 2½-inch pots	" 3.00
6	LARGE FICUS ELASTICA, 8 feet high, 5 feet diameter, grown in tubs	each, 5.00
3	LARGE LATANIA BORBONICA, grown in half barrels, 5 feet diameter	" 8.00

Address JAMES MORTON, - - CLARKSVILLE, TENN.

Mention The Review when you write.

FOR

PALMS

Write to Walter Retzer & Co.

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

Cabbage!=====Cabbage!

H. Succession, Early and Late Flat Dutch Drumhead Savoy and other varieties, field-grown plants. 1?c per 100, $1.00 per 1000, $8.50 per 10,000.

CELERY. White Plume, Golden Self-Blanching, Giant Pascal, New Rose and other varieties. 10 acres will soon be ready. 15c per 100, $1.00 per 1000, $8.50 per 10,000. (Large enough now for transplanting at 75c per 1000.)

Any of the above plants by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

Roses.

500 Brides,
100 Bridesmaids,
3-inch,
$3.50 per 100

100 Smilax, $1.25; Cyperus Alternifolus, 2-in., $2.00 per 100; 3-in., $3.00 per 100. Baby Primrose, 2-in., $2.00; 3-in., $3.00 per 100.

Terms cash. Satisfaction guaranteed or money refunded.

Washington Floral Gardens,

ED. HELFRICH, Manager.

WASHINGTON C. H., OHIO.

Mention The Review when you write.

TARRYTOWN, N Y.

The Tarrytown Horticultural Society held its monthly meeting on Thursday, June 28. William Turner read a very interesting paper on the cultivation of the rose, for which he was awarded great credit. Wm. Magee and Mark Drury were elected to membership.

The following prizes will be given at the November show: Ernst Asmus' prize for vase of Liberty rose, John H. Troy's prize for the use of the society, J. H. Thorburn & Co.'s prize for vegetables grown from their seeds, F. R. Pierson's prize, a silver cup, for 12 blooms of Colonel D. Appleton chrysanthemum. R. ANGUS.

NEW HAVEN, CONN.

The New Haven Horticultural Society has decided to hold a chrysanthemum show November 14 to 16 next.

It has also decided to distribute 5,000 chrysanthemum plants to the school children of the city, the children to grow the plants and exhibit them for prizes at the show. The plants will be donated by public spirited members of the society. J. N. Champion, E. N. Coe, Robert Veitch Co., S. H. Moore and others have donated large numbers towards the total required.

MUSCATINE, IA. — The Muscatine Park and Floral Association held its annual meeting June 13 and elected J. M. Gobble president and C. F. Cadle secretary. The treasurer reported a balance of $474.49 on hand. The association has done much to beautify the city.

BATTLE CREEK, MICH. — A. F. Boehme, 45 Fountain street, was found dead in his greenhouse recently.

Young Beauty and Rose Plants

We offer the following stock subject to previous sale:
Plants are first class in every respect.

			Per 100	Per 1000
3000	Am. Beauties,	2-inch pots,	$6.00	$50.00
4000	Meteors,	"	3.00	25.00
3000	Bridesmaids,	"	3.00	25.00
4000	Brides,	"	3.00	25.00

All orders will be shipped from Hinsdale, Ill.

BASSETT & WASHBURN,

Store, 76 and 78 Wabash Ave., CHICAGO, ILL. Greenhouses, Hinsdale, Ill.

Mention The Review when you write.

50,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect.
Only selected growth from flowering shoots used in propagating.

WOOTTON LA FRANCE AMERICAN BEAUTY GOLDEN GATE
3-inch pots, $8.00 per 100; 4 inch pots, $12.00 per 100.

METEOR, BRIDESMAID, SAFRANO, BON SILENE, MERMET,
PERLE, KAISERIN, MAID OF HONOR, MME. HOSTE, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

GRAFTED ROSES. MAID OF HONOR, GOLDEN GATE,
3½-inch pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

ROSES,

GOLDEN GATES, thrifty stock, from 2½-inch pots, $4.00 per 100; $35.00 per 1000.
BRIDESMAIDS, $3.00 per 100; $25.00 per 1000.

A Few Hundred PERLES,

From 2½-in. pots, $3.50 per 100; from 6-in. pots, $4.50 per 100.

PHŒNIX CANARIENSIS, from 5 and 6-inch pots, $3.00 per doz.; $20.00 per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

To Close Out...

METEORS	in 4, 3 and 2½-inch.
MAIDS	in 3, 2½ and 2-inch.
BRIDES	in 3 and 2-inch.
PERLES	in 3, 2½ and 2-inch.
KAISERIN	in 2½ and 2-inch.
LA FRANCE	in 2½ and 2-inch.
GOLDEN GATE	in 2½ and 2-inch.
BELLE SIEBRECHT	in 2½ and 2-inch.
WOOTTONS	in 3, 2½ and 2-inch.
SMILAX	in 2-inch.

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established.

23 Houses, 60,000 feet of glass.

Write **GEO. A. KUHL,**

PEKIN, ILL.

Send $1.00 for samples of what you want. That way you see what you get.
Satisfaction guaranteed.

Mention The Review when you write.

NEW SEEDLING ROSE
WINNIE DAVIS.

This grand rose should be grown by every florist as a pot plant, or for forcing, being a cross between Kaiserin Aug. Victoria and Belle Siebrecht. Color, apricot pink, shading to a flesh tint; odor of a most delicious ripe fruit. Shape being oblong and well formed, when fully open resembling a sunburst, which is most striking and beautiful. A very free and vigorous grower and bloomer. Color never changes in dark weather like most colored roses. Magnificent light green glossy foliage. Strong thrifty plants, 2½-in. pots, $5.00 per doz.; $35.00 per 100.

Address NANZ & NEUNER,
582 Fourth Ave., LOUISVILLE, KY.

ROSE PLANTS.

METEOR, 3½-inch pots, $5.00 per 100; $40.00 per 1000.

Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.

BRANT & NOE, Forest Glen, Chicago, Ill.

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Rose Plants

Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES, — 3-inch, $4.00 per 100; $35.00 per 1000. 2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

3309 N. Western Ave., CHICAGO, ILL.

Mention The Review when you write.

ROSES

Brides, Maids, Perles, Meteors, — 2½-in., strong, per 100, $3.00

FINE PLANTS.

SMILAX - Strong, 2½-in., per 100, $2.00; per 1000, $18.00

FOR CASH.

J. N. KIDD, ST. JOSEPH, MO.

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Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3 00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late

	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	8.00
Golden Wedding	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

Chrysanthemums

FOR ALL PURPOSES.

NOVELTIES AND STANDARD VARIETIES....

Send us a list of your wants for LOWEST CASH PRICES.

NATHAN SMITH & SON,

ADRIAN, MICH.

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GALVAVIZED STEEL

Wire Rose Stakes

Stsaight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Speclalties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street,
BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Begonia... Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.

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SMILAX

From Pots, Ready Now.

$1.50 per 100; $15.00 per 1000.

Asparagus Plumosus

From 3-in. Pots, ready July 15th.
$6.00 per 100; $50.00 per 1000.

You will make no mistake in sending me your order. This stock is of the same high quality as that furnished last season. Samples furnished to new customers if desired.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Last Call....

	Per 100
10,000 Coleus, named, our selection, 2¼-in	$1.50
5,000 Geraniums, mixed, 2¼-in	1.50
3,000 Iresines, red and yellow, 2¼-in	1.50
1,000 Alternanthera, large leaved only, 2½-in.	1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
1,000 Fuchsias, mixed, 2¼-in	1.50
300 Asparagus Plumosus, 7-in	20.00

CASH.

The Morris Floral Co.

MORRIS, ILL.

Mention The Review when you write.

EDWARD B. JACKSON,

Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Always mention the Florists' Review when writing advertisers.

Smilax.

	Per 100
Fine plants, 2-in. pots, $8.00 per 1000.	$1.00
Asparagus Sprengeri, 2-in. pots	3.00
Plumosus Nanus	4.00
Primroses, July 1, Chinese, Forbesi, Obconica, Grandiflora and Rosea	2.00
Pansy Seed, large flowering, August 1, per oz	4.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention The Review when you write.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000.

Geraniums. S. A. Nutt and Bruanti, $8.00 per 100; 3-in., $3.50 per 100, including Salleroi.

Roses in 3-in. pots, ready to plant, $4.00 per 100; $35.00 per 1000. **Red and Yellow Alternanthera,** $2.00 per 100; $15.00 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

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Carnations.

F. DORNER & SONS CO.

LA FAYETTE, IND.

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IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

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CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at sight**

$3.00 Per Doz.

W. E. HALL, - - CLYDE, O.

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FIELD GROWN CARNATIONS

Orders booked now for fall delivery.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons. Robt. George, Souv. de Bonn, Eclipse, $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.
See Chrysanthemum, Geranium, Begonia, Salvia, Petunia, Verbena, Fuchsia, Smilax.

Abutilon, var. trailing, 2¼-in., $4.00 per 100; Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

AGERATUM.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c. Cash.
South Side Floral Co., Springfield, Ill.

ALTERNANTHERA.

Red and yellow alternanthera, $2.00 per 100; $15.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

1000 alternantheras, large leaved only, 2½-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

Alternanthera, P. major and A. nana, $2.00 per 100. S. Muir, 3530 Michigan Ave., Chicago.

Alternanthera, 2¼-in., $2.50 per 100; $20.00 per 1000. Greene & Underhill, Watertown. N. Y.

ALYSSUM.

Alyssum, Dbl. Giant, $1.00; var., $1.25 per 100. Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Sprengeri from 2-in. pots, 5 to 7 growths, $2.50 per 100; from seed pans, 2 to 3 growths, $1.50 per 100, postpaid. Cash please.
C. S. Tait, Brunswick, Ga.

Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
J. B. Heiss, Dayton, Ohio.

A. Sprengerii, strong field-grown clumps, all sizes, from $3.00 to $10.00 per 100.
B. H. Ritter, Port Royal, S. C.
See Bulb, Caladium, Palm, Gardenia.

Asparagus Sprengeri, 2-in., $3.00 per 100. A. plumosus nanus, 2-in., $4.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, large, strong plants ready for 4-in. pots, $8.00 per 100. Robert Mann, 1258 S. Wash av., Lansing, Mich.

Asparagus Plumosus, from 3-in. pots, ready July 15, $6.00 per 100; $50.00 per 1000.
A. M. Herr, Lancaster, Pa.

Sprengeri, 2-in., $3 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila, Pa.

300 Asparagus plumosus, 7-in., $20.00 per 100. Cash. Morris Floral Co., Morris, Ill.

Asparagus Sprengeri, 2-in., $3.00 per 100.
C. Winterich, Defiance, Ohio.

Sprengeri, 2-in., $2 per 100.
A. G. Fehr, Belleville, Ill.

ASTERS.

Fine, stocky plants from the field. Ostrich Feathers, Queen of the Market, Semple's, Victoria. Vick's and Truffaut's Perfection, 35c per 100; 300 for $1.00; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Smilax and Vegetables.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay. Cash.
South Side Floral Co., Springfield, Ill.

Paeony Perfection white; also Paeony Perfection mixed, and Victoria. Finest mixed, fine transplanted plants for 50c per 100 to close out the lot. H. S. Baker, Warsaw, N. Y.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, $4.00 per 100 by mail; $25.00 per 1000. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

BASKET AND VASE PLANTS.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; $4.50 per 100.
The Calla Greenhouses, Calla, Ohio.

BEDDING PLANTS.

Bedding plants cheap. Geraniums, 25 varieties, assorted; Fuchsias, 6 varieties; Lantanas, Cigar Plants, Verbenas, Coleus, Salvias, Petunias, double and single; Heliotropes, Thunbergias, Lobelias, Ricinus, Cannas, Caladiums, Myrtle, Var. Funkias, Var. Vinca, Marigold, Asters, Balsam. Mix you up 12 of these at 65c; $5.00 per 100; $40.00 per 1000, out of 3½ and 4-in. pots; 30c per doz., $2.00 per 100, out of 2 and 2½-in. pots. K. E. Juul, Cor. Chestnut and Walnut Sts., Elizabeth, N. J.

Surplus stock at reduced prices. Heliotrope and Salvia Bonfire, 4-5 in., $5.00 per 100; 2½-in., $2.50 per 100. Geraniums, S. A. Nutt, Beauty Poitevine, Alphonse Ricard, 4-5 in., $5.00 per 100. Begonia Vernon, 4-in., $5 00 per 100. Ageratum Princess Pauline, 4-in., $4.00 per 100. Begonias, assorted, 2½-in., $3.00 per 100. Vinca Variegata, 2½-in., $4.00 per 100. Parlor Ivy, 2½-in., $2.50 per 100. Cash with order.
A. Mackay, Passaic, N. J.

Alternanthera. Strong, 2¼-inch, 2½c; Nana and Amabilis, 2c. Coleus, Golden Bedder, Verschaffeltii and Mixed, 2½-in., 2c. Centaurea Gymnocarpa Candidissima, 2½-in., 1½c; Cobea, 3c; Caladium Esculentum, from sand, 2c; from pots, 4c; Large Egg Plants, 2 to 3c; Vinca, 3 to 5c; Salvia, 3-in., 3c; Cocos Palm, 10 ft., $15.00. Cash. Jos. J. Braun, Englewood, N. J.

BEGONIAS.

Begonias Alba picta, Fuchsioides, Dewdrop, Alba perfecta. Fine plants from 3-in. pots, $2.25 per 100.
Fairview Floral Co., Beatty, Ohio.
See Chrysanthemum, Geranium, Abutilon, Salvia, Petunia, Verbena, Fuchsia, Smilax.

Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
The Cottage Gardens, Queens, N. Y.

Mixed Rex or flowering, 2, 3 and 4-in., 3c, 5c and 10c each. Cash.
Dann & Son, Westfield, N. Y.
See Coleus.

2000 mixed begonias, 1000 Erfordi and 1000 red vernon in 2¼-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

Begonia Rex, 2¼-in., $4.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Rex, 3-in., mixed, $6 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

BOUVARDIAS.

Bouvardia, 2-in., $3.00 per 100. McCrea & Cole, Battle Creek, Mich.
See Smilax and Ferns.

"The classified advs. are a great convenience," is the verdict of the buyers.

BULBS.

Freesia bulbs, for immediate delivery.
¼ to ⅜-inch diameter.....$0.75 per 1000
⅜ to ½-inch diameter..... 1.75 per 1000
½ to ¾-inch diameter..... 3.50 per 1000
The smaller bulbs will prove as satisfactory as the larger if planted early. Johnson & Musser Seed Co., Los Angeles, Cal.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulipa. Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Caladium, esculentum, started bulbs, 3-4-in. diameter, $2.00 per 100; $15.00 per 1000.
B. H. Ritter, Port Royal, S. C.
See Caladium, Asparagus, Palm, Gardenia.

Forcing Bulbs. We are prepared to quote prices on your probable needs. Send list and get estimate. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Japan Bulbs and Plants.
Suzuki & Iida, 11 Broadway, New York.

K. J. Kuyk, Hillegom, Holland.

CALADIUMS.

Plants of fancy-leaved caladiums, from 2½-in. pots, at from $6.00 to $25.00 per 100. Also a few slightly started bulbs of good size and A1 kinds at a bargain. For particulars address, F. J. Ulbricht, L. B. 113, Anniston, Ala.

Caladiums, fancy leaved, 10-15 choice kinds, strong plants, 2½-in. pots, $5.00 up to $10.00 per 100. B. H. Ritter, Port Royal, S. C.
See Bulb, Asparagus, Palm, Gardenia.

CARNATIONS.

Orders now booked for fall delivery of field grown carnation plants. Geo. Hancock & Son, Grand Haven, Mich.

Carnations, novelties and standard sorts. Catalogue free. F. Dorner & Sons Co., La-Fayette, Ind.

CHRYSANTHEMUMS.

White—Ivory, Midge, Bergmann, Robinson, Jerome Jones, Lottie Berry, Wanamaker, Kalb, Woodford, Independence, Weeks, Frank Hardy. Yellow—Golden Trophy, Henderson, Johnson, O. P. Bassett, Whilldin, Modesto, Yellow Queen, Bonnaffon, Lincoln, Sunderbruch. Pink—Montmort, Glory of Pacific, Morel, Perrin, Murdock. Bronze—Chas. Davis. Red—Geo. W. Childs, out of 2½-in. pots, $2.00 per 100; $18.00 per 1000. Also, white—Lady Fitzwygram, Mayflower, Chadwick, Western King. Yellow—Golden Wedding, Yellow Jones, W. H. Reiman. Pink—Autumn Glory. Red—Defender, Schrimpton. Bronze—Lady Hanham, out of 2½-in. pots, $2.50 per 100; $22.50 per 1000. 500 or more at 1000 rate. Cash or C. O. D. Poehlman Bros., Morton Grove, Cook Co., Ill.

Chrysanthemums at reduced rates, nice, young stock. Bergmann, Robinson, Ivory, Lager, Mrs. Whilldin, Mrs. Bassett, Gloire de Pacific, Rose Owen, Mrs. Emerson, H. Bloodgood, Autumn Glory, Modesto, Bonnaffon, Dailledouze, Niveus, Mrs. Weeks, Black Hawk, Cullingfordii, W. Simpson, Queen, $2.00 per 100. Pennsylvania, Adula, $3.00 per 100. Cash please. Chas. Zimmer, W. Collingswood, N. J.

For Sale or Exchange: Golden Wedding, Mrs. Robinson, Mrs. E. G. Hill, Edith Smith, Marion Henderson, Dailledouze, and other varieties. Rooted cuttings and from 2¼-inch pots, $2.00 per 100. A. D. Montgomery, Hazleton, Pa.

Chrysanthemums, now is the time to plant them. We are offering extra fine, vigorous plants from 2 and 2½-in. pots. Everybody likes them. For varieties and price see display adv. in this issue.
H. Weber & Sons, Oakland, Md.

For immediate delivery. Bonnaffon, Niveus, Robinson, Ivory, Merry Monarch, Yellow Merry Monarch and Pres. Smith, from 2¼-inch pots, at $15.00 per 1000; 500 at 1000 rates. Cash with order, please.
E. Leuly, West Hoboken, N. J.

A nice a sortment of chrysanthemums at $1.50 per 100. Fairview Floral Co., Beatty, O.
See Geranium, Begonia, Abutilon, Salvia, Petunia, Verbena, Fuchsia, Smilax.

In 2½-in. pots, per 100: Bob Halliday, H. Parr, Jno. K. Shaw, $3; Montmort, $2; Col. D. Appleton, $15; J. L. Park (rooted cuttings), $1.50. G. D. Lotz, Glen Burnie, Md.

Chrysanthemums for all purposes—novelties and standard varieties. Send us a list of your wants for lowest cash prices.
Nathan Smith & Son, Adrian, Mich.

5000 Chrysanthemums. All the new ones of last year, $2.00 per 100.
James Morton, Clarksville, Tenn.

Best commercial varieties from soil, $2 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

CLEMATIS.

$3.00 PER 1000—CLEMATIS PANICULATA. Send for samples. Frank Jencek, 37 Webster St., Newport, R. I.

COBEA.

Cobea scandens, 2¼-in., $3.00; 3-in., $5.00 per 100. Greene & Underhill, Watertown, N. Y.

Cobea scandens, 5-in., fine stock, $8.00 per 100.
S. Muir, 3530 Michigan Ave., Chicago.

"The classified advs. are a great convenience," is the verdict of the buyers.

COLEUS.

Coleus, mixed from 2 and 3-in., $1.50 and $2.00 per 100. Cash.
Dann & Son, Westfield, N. Y.
See Begonia.

Coleus, 2½-in., fine varieties, including Golden Bedder, Verschaffeltii and Firebrand, $2.00 per 100. S. Muir, 3530 Michigan Ave., Chicago.

Coleus, elegant named varieties, all beauties, 1c each, 2 and 2½-in. Cash.
South Side Floral Co., Springfield, Ill.

10,000 coleus, named our selection, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

CYCAS.

Cycas revoluta stems, assorted sizes, 3 to 12 lbs., $8.00 per 100 lbs. while unsold. J. M. Thorburn & Co., 36 Cortlandt St., New York.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

CYCLAMEN.

XXX stock. Special offer for immediate orders. Cyclamen Periscum Splendens Giganteum, finest strain in the world. Now ready to ship a splendid stock of plants in four true colors—red, white, pink, and white with red center—from 2½-in. pots, $4.00 per 100; $35.00 per 1000; 250 at the 1000 rate. Send in your order at once if you want to secure selected stock. All stock guaranteed A No. 1.
Paul Mader, East Stroudsburg, Pa.

Cyclamen persicum giganteum splendens, best strain from 2½-in., five varieties, at $4.00 per 100; $35.00 per 1000.
C. Winterich, Defiance, Ohio.

CYPERUS.

C. alternifolius, 2-in., $2.00; 3-in., $3.00 per 100. Cash. Washington Floral Gardens, Washington, C. H., Ohio.
See Rose, Primrose, Smilax.

C. alternifolius, 2½-in., $2.00 per 100. Globe Greenhouses, 53rd, Adams and Jackson Sts., Austin, Ill.

DAHLIAS.

60,000 Dahlias for fall delivery. All the best and newer varieties. Stock first-class. Prices right.
A. B. Davis & Son, Purcellville, Va.

DAISIES.

Anthemis (dbl. yellow Marguerite), 2¼-in., $3.00; 3-in., $6.00.
Greene & Underhill, Watertown, N. Y.

DRACAENAS.

Dracaena indivisa, 3-in., $6.00; 4½-in., $25.00; 5-in., $35.00; 6-in., $50.00.
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Fern Spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
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Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Caraway, Pteris cretica, crested pteris, Pteris Ouardi, Nephrolepsis compacta, Dwarf sword, etc. Cheap. McCrea & Cole, Battle Creek, Mich.
See Smilax and Bouvardias.

From 3-inch pots, Ferns, $6.00 per 100; $50.00 per 1000, including Adiantum Cuneatum. Will ship, according to instructions, C. O. D., subject to examination at express office.
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Assorted ferns in flats ready for shipment June 1, $2.00 per flat. Assorted ferns, ready for immediate shipment, 2-in. pots, $30.00 per 1000. Bobbink & Atkins, Rutherford, N. J.

Boston Ferns now ready for immediate shipment, at $40.00 and $60.00 per 1000; $5.00 and $7.00 per 100.
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1,500 N. cordata compacta, strong plants, 2-in., $3.00 per 100; strong plants from bench, $2.00 per 100.
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Adiantum Farleyense. Nice young plants, ready for a shift, 2½-inch pots, $10.00 per 100.
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Nephrolepis cordata compacta from bench, $2.00 per 100. Cash. Will exchange for good mum plants. H. P. Smith, Piqua, Ohio.

Adiantum, cuneatum, 3-in., 75c per doz.; $5 per 100. Cash. H. W. Buckbee, Rockford, Ill.
See Roses.

Mixed jardiniere ferns, mostly Pteris varieties, $3.00 per 100; $25.00 per 1000.
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FEVERFEW.

Feverfew. Little Gem, 2-in., $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.
See Chrysanthemum, Begonia, Abutilon, Salvia, Verbena, Smilax, Geranium.

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Ficus elastica, 3½-in., $3.00 per doz.
Greene & Underhill, Watertown, N. Y.

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Moore's Early Grapes (genuine). Bearing vines, 2 yrs. trans., $2.00 per 100.
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Fuchsias, choicest sorts, strong 2-in.; $1.50 per 100; fine 4-in. full bloom at 6c; 2½ and 3-in. at 2c. Cash.
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Speciosa and Black Prince, fine plants in bud and bloom, 2½-in. pots, $2.25 per 100.
Fairview Floral Co., Beatty, Ohio.

In five best varieties, bud and bloom, 4-in., $1.00 per doz. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

Fuchsias, 2¼-in., $3.00; 3-in., $4.00; Trailing Queen, 2¼-in., $4.00 per 100.
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1000 fuchsias, mixed, 2¼-in., $4.00. Cash.
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Surplus stock in bud and bloom.

Heteranthe	200 4-in., 100 3-in.
General Grant	300 4-in., 150 3-in.
Mrs. Beadsley	360 4-in., 150 3-in.
S. A. Nutt	360 4-in., 650 3-in.
La Favorite	50 4-in., 200 3-in.
Queen of the West	60 4-in., 50 3-in.
Illuminator	275 4-in., 100 3-in.
E. Lauth	150 4-in.
Single Salmon	100 4-in.
Mixed Colors	500 2½-in.

4-in., $6.00, 3-in., $4.00, 2½-in., $2.00 per 100. All strong plants. Cash with order.
Lord & Johnson, Owatonna, Minn.

Bruant, Mrs. Hamilton, Gen. Grant, White Swan, Arbutus, Crystal Palace Gem, Ivy, Geo. Galilee, Holly Wreath, Count Horace du Choiseul, Mrs. Taylor and Balm Scented. Fine plants from 2-in. pots, $2.00 per 100.
Fairview Floral Co., Beatty, Ohio.
See Chrys., Begonia, Abutilon, Salvia, Petunia, Verbena, Fuchsia, Smilax, Geranium.

Geraniums, the choicest, most desirable varieties to be had, true to name. Bruanti (best semi-double scarlet), S. A. Nutt, Athlete, White Swan, La Favorite, Mrs. J. M. Garr, (best single white), Beaute Poitevine, American Wonder, Mrs. E. G. Hill, Mme. Bruant and others, $2.00 per 100, strong 2½-in.; Rose Geraniums and Mme. Salleroi, 1c each; strong 2-in. Cash.
South Side Floral Co., Springfield, Ill.

Geraniums, per 100, Mars, 2-in., $4.00; 2¼-in., $6.00; 3-in., $8.00; Dbl. Grant, Rose Scented and La Favorite, 2¼-in., $3.00; Ivy, mixed, 2¼-in., $3.00. Rooted cuttings, Sweet Scented, Bronze, Silver Leaf, $1.50; Happy Thought, Mrs. Pollock, Mme. Bruant, Mme. Taylor, Dr. Livingston, $2.00; Freak of Nature, Mars, $2.50; Mrs. Parker, $4.00; Mme. Salleroi, $1.25.
Greene & Underhill, Watertown, N. Y.

Ricard, Double Grant, La Favorite and other good varieties, out of 4-inch pots, $4.00 per 100. Cash with order. B. Hofmann, Albion Place, Paterson, N. J.

1000 rose geraniums, 2½-in. pots; 500 assorted geraniums, 3-in. pots; 200 Mme. Salleroi, 3-in. pots, at $2.00 per 100.
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Geraniums. Only the best standard varieties, 2½-in., $2.50 per 100; $20.00 per 1000; 4-in., $5.00 per 100.
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W. E. Hall, Clyde, Ohio.

S. A. Nutt and Bruanti, $6.00 per 100; 3-in., $3.50 per 100, in cluding Salleroi.
Crabb & Hunter, Grand Rapids, Mich.

Geraniums. Exquisite, Bismarck, $2.50 per 100; $25.00 per 1000.
Jos. Lalhr & Sons, Springfield, O.

Pink Beauty, 3-in. pots, $3.50 a 100. Cash.
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5,000 geraniums, mixed, 2¼-in., $1.50 per 100.
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Gardenia florida, single and double, strong outdoor-grown plants, well branched and rooted, 24 inches high, $10.00 per 100; smaller size, $5.00 per 100. B. H. Ritter, Port Royal, S. C.
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The following varieties of hardy "Sweet May" pinks, strong 2-in. pot plants: Abbottsford, Alba Fimbriata, Attractive, Her Majesty, Juliette, Old Fashioned, New Mound, $2.50 per 100; $20.00 per 1000.
The Calla Greenhouses, Calla, Ohio.

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A good assortment of hardy plants in spring and fall, such as Coreopsis, Veronica, Iris, Funkia, Lemon Lily, Aster, Phlox, Helenium A. Superbum, Lychnis, Larkspur, Digitalis, Antirrhinum, Myosotis, Mist and other hardy stock. Cash with order, please.
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HARDY PLANTS—Continued.

25 elms, 5 to 8-in. caliper; fine specimena, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Double Sweet William plants, 25c per 100; $1.00 per 500. Seed, 1 oz., 50c; 5 ozs., $2.
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800 heliotropes from 2½-in., $2.00 per 100.
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German ivy, 2¼-in., $2.00; R. C., $1.25 per 100.
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Crystal Palace, 3-in.. fine, $2.50 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

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Arrived in excellent condition, L. pupurata, L. grandis tenebrosa, and Oncidium varicosum Rogersii. Also on hand, Cattleya Percivalliana, C. Mossiae, L. anceps, and L. autumnalis. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.
4	15-18	4-5	.16	1.50	13.00
5	18-20	5-6	.40	3.50	32.00
6	20-22	5-6	.55	5.00	46.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
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6 large Ficus elastica, 8 ft. high, 5 ft. in diameter, grown in tubs, $5.00 each. 6 large Latania borbonica, 5 ft. in diameter, grown in half-barrels, $8.00 each. 1000 Latania borbonica, from 2½-in. pots, $3.00 per 100.
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Fresh seeds and in fine condition. Kentia Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Some fine Oreodoxa regia (Royal Palm), 4-in., with character leaves. Write for prices.
B. H. Ritter, Port Royal, S. C.
See Bulb, Caladium, Asparagus, Gardenia.

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Greene & Underhill, Watertown, N. Y.

Pandanus Veitchii, cool grown, handsome plants, 7-in. pots, $1.50 each.
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Phoenix canariensis, 5 and 6-in., $3.00 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Areca lutescens, Kentias Belmoreana and Forsteriana. Jos. Heacock, Wyncote, Pa.

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For Pansy Seed see under heading "Seeds."

Pansies. Small plants all sold; none but flowering plants from field at $2.00 per 100 and up. C. Soltau & Co., 199 Grant ave., Jersey City, N. J.

Good pansy plants, from cold frames, just beginning to bloom, $1.25 per 100; $10.00 per 1000. S. Muir, 3530 Michigan av., Chicago.

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Double petunias, mottled varieties, in bloom, $2.00 per 100.
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See Geranium, Chrysanthemum, Begonia, Abutilon, Salvia, Verbena, Fuchsia.

Petunias, double fringed, in full bloom, Henderson's and Dreer's latest superb sets, strong 2-in., 1c each; really worth $1.00 per doz. Cash.
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500 petunias, double white, $2.00 per 100.
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Baby primrose, 2-in., $2.00; 3-in., $3.00 per 100. Cash. Washington Floral Gardens, Washington C. H., Ohio.
See Rose, Cyperus, Smilax.

Chinese, obconica grandiflora and rosea, Forbesi, ready July 1, $2.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Send in your order now for a copy of the Florists' Manual.

ROSES.

Forcing Roses. This is not surplus stock, it has been grown especially for winter blooming, and will give satisfaction to the most critical buyers.

	Per 100
American Beauty, 3-in.	$7.00
Bride, 3-in.	4.00
Bride, 4-in.	6.00
Bridesmaid, 2½-in.	3.00
Bridesmaid, 4-in.	6.00
Perles, 3-in.	4.00
Meteor, 2½-in.	3.00
Mme. C. Testout, 2½-in.	3.00
Golden Gate, 2½-in.	3.00
Golden Gate, 3-in.	4.00
Maid of Honor, 2½-in.	3.00
Maid of Honor, 3-in.	4.00
Souv. de Wootton, 3-in.	4.00

Cash with order.
H. W. BUCKBEE, ROCKFORD, ILL.
See Fern.

20,000 Roses for sale. American Beauties, 3½-in., $8.50 per 100; $75.00 per 1000; 3-in., $7.00 per 100; $65.00 per 1000. Kaiserin, Golden Gate, 3½-in., $5.00 per 100; $45.00 per 1000; 3-in., $3.50 per 100; $30.00 per 1000. Perles, 3½-in., $4.50 per 100; $40.00 per 1000. 3-in., $3.50 per 100; $30.00 per 1000. Brides, Maids, Meteors, Garretts and a few Mermets, 3½-in., $4.50 per 100; $40.00 per 1000. These are all fine plants. Send for sample. Cash with order. Mrs. J. W. Crouch, Chattanooga, Tenn.

	—2½-inch pots— Per 100	Per 1000	—3-inch pots— Per 100	Per 1000
Brides	$3.00	$25.00	$5.00	$45.00
Maids	3.00	25.00		
C. Soupert	3.00	25.00	5.00	45.00
Mosella	3.00	25.00		
Mme. Chatteneux.	3.00	25.00		
Am. Beauties			8.00	75.00

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New seedling rose "Winnie Davis." Every florist should grow this grand rose either as a pot plant or for forcing. The color is apricot pink shading to a flesh tint and the odor is as of delicious ripe fruit. A free and vigorous grower and bloomer, and color never changes in dark weather like most colored roses. Magnificent light-green glossy foliage. Strong, thrifty plants, 2½-in., $5.00 per doz.; $35.00 per 100. Nanz & Neuner, 582 Fourth av., Louisville, Ky.

We offer the following stock subject to previous sale. Plants are first class in every respect.

	Per 100.	Per 1000.
3000 Am. Beauties, 2-in.	$6.00	$50.00
4000 Meteors, 2-in.	3.00	25.00
3000 Bridesmaids, 2-in.	3.00	25.00
4000 Brides, 2-in.	3.00	25.00

All orders will be shipped from Hinsdale, Ill. Bassett & Washburn, 76-78 Wabash Ave., Chicago.

Roses in 3-in. pots ready to plant, $4.00 per 100; $35.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

ROSE PLANTS	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Only selected growth from flowering shoots used in propagating. Wootton, La France, American Beauty and Golden Gate, 3-in., $8.00; 4-in., $12.00 per 100. Meteor, Bridesmaid, Safrano, Bon Silene, Mermet, Perle, Kaiserin, Maid of Honor, Mme. Hoste and Bride, 3-in., $7.00; 4-in., $10.00 per 100. Grafted roses, Maid of Honor, Golden Gate, 3½-in., $15.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

I have on hand good, strong, healthy plants, from 3-inch pots; 1300 Kaiserin, 600 Maid, 2000 Bride, 450 La France, 500 Meteor Roses. From 4-inch pots, 100 Hermosa. What will you give me for what you want from this stock?
M. F. La Roche, Agt., Collingdale, Pa.

Grafted roses, American Beauty, Kaiserin, Golden Gate, $10.00 per 100. Own roots, from grafted stock, Golden Gate, Kaiserin, Meteor, strong stock ready for 3½-in. pots, $4.00 per 100; $35.00 per 1000.
S. J. Reuter, Westerly, R. I.

Bridesmaids and Brides, 3-in., $4.00 per 100; $35.00 per 1000. Meteors, 2½-in., $2.50 per 100. Stock in excellent shape for benching immediately. Cash or C. O. D. Poehlmann Bros., Morton Grove, Cook Co., Ill.

Golden Gates. Thrifty stock from 2½-in., $4.00 per 100; $35.00 per 1000. Bridesmaids, $3.00 per 100; $25.00 per 1000. A few hundred Perles from 2½-in., $3.50 per 100; from 3-in., $4.50 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

Roses, fancy extra select Brides, Perles and Maids, 3-in., 4c; the same in 2½-in. pots, including Meteor, 3c; Kaiserin, Wootton, Golden Gate, Belle Siebrecht, strong 2½-in., 4c. Cash.
South Side Floral Co., Springfield, Ill.

3000 2½ and 3-in. Brides, 3000 2½ and 3-in. Maids, 500 2½ and 3-in. Meteors, all at $3.00 per 100, $25.00 per 1000. Stock in good, healthy condition. Order now.
Frey & Frey, Lincoln, Neb.

1000 4-inch and 700 3-inch Bridesmaids, 300 3-in. Mme. Chatenay, 300 4-in. and 300 3-in. Golden Gate. Fine clean stock. Low price on application. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Rose plants. Good healthy stock. Brides, Kaiserins and Bridesmaids, 2½-in., $3.00 per 100; $25.00 per 1000; 3-in., $4.00 per 100; $35.00 per 1000. Cash. M. A. Magnuson, 3309 No. Western Ave., Chicago.

Meteor rose plants, potted and repotted four times; vigorous and unusually fine. 3½-in., $5.00 per 100; $40.00 per 1000. Packed to safely ship any distance. Brant & Noe, Forest Glen, Chicago, Ill.

Brides and Maids, 4-inch, $5.00 per 100; $45.00 per 1000. 2½-in., $3.00 per 100; $25.00 per 1000. 2-inch, $2.50 per 100. Careful packing. Light boxes.
P. Cosgrove & Son, Madison, N. J.

Forcing roses. Per 100. Brides and Bridesmaids, 2½-in., $2.75; 3½-in., $4.00; Perles and Sunsets, 2½-in., $3.00; 3½-in., $4.50. All other varieties. Send for lists.
National Plant Co., Dayton, Ohio.

Rose plants, in 3-in. pots, nice and strong. Bridesmaid, Bride and Kaiserin, $4.00 per 100; $35.00 per 1000. Mercer Floral Co., Carl E. Taube, Proprietor, Trenton, N. J.

Brides and Maids. Nice, strong, bushy plants in 3-inch pots, ready for 4-inch, $4.00 per 100, $35.00 per 1000.
Wm. Laisle, Keokuk, Iowa.

500 Brides, 100 Bridesmaids, 3-in., $3.50 per 100. Cash. Washington Floral Gardens, Washington C. H., Ohio.
See Smilax, Cyperus, Primrose.

Bride, Bridesmaid, C. Soupert, Etoile de Lyon, Meteor, La France, $2.00 per 100; $20.00 per 1000. Cash.
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Brides, Maids, Perles, Meteors, 2½-in., strong, $3.00 per 100. Cash. J. N. Kidd, St. Joseph, Mo.
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Extra fine, clean, growing stock of Brides, Maids, Meteors, Golden Gate. 4-in., $6.00; 3-in., $4.00 per 100. Beauties, 3-in., $5.00 per 100.
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American Beauty, Bridesmaid, Perle, Bride, Sunset, Meteor, Morgan, Testout, Mermet, La France, Niphetos, Kaiserin, 3, 3½ and 4-inch.
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500 Brides and 500 Bridesmaids in 2½-in. pots, strong, healthy stock at $2.00 per 100 to close out. B. Frank Barr, Lancaster, Pa.
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Kaiserin, "grafted," 3-in.; Beauty, "own roots," 3-in. All fine, clean stock. Send for prices. Robert Simpson, Clifton, N .J.

To close out will make a special price on roses in 2, 2½ 3 and 4-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Kaiserin and Carnot rose plants, $2.50 per 100. Out of 2½-in. pots. Extra fine stock.
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Kaiserin roses, grafted, 2½-in pots, $10.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Hardy roses in great variety.
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Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

1,500 each, Brides and Maids, 3-inch pots. $3.00 per 100. Thorne & Co., Flushing, N. Y.

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Salvia variegata, 2-in., $1.50 per 100.
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See Chrysanthemum, Begonia, Abutilon, Petunia, Verbena, Smilax, Geranium.

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XXX Seeds. Chinese Primrose; finest large-flowering fringed, single and double, thirteen varieties, mixed, 500 seeds, $1.00; ½ packet, 50c. Cineraria Grandiflora Nana, the finest large-flowering dwarf varieties, very showy, in choicest mixture, 1000 seeds, 50c. Primula Obconica Grandiflora Hybrida, the very finest of the improved Obconicas; large-flowering and choice colors, truly grand, 1000 seeds, 50c. Pansy—Finest giants, the finest large-flowering varieties to be had; best colors and strong growing, 3500 seeds, $1.00. A packet of the grand new Forget-Me-Not "Triumph" added to every order. The home of Primroses, John F. Rupp, Shiremanstown, Pa.

Vautier's Mammoth Pansy. New crop seed now ready. This is the largest and finest pansy ever offered. We have testimonials from florists from all parts of the U. S., praising its size and merits. Trade packet, $1.00; oz., $4.00. H. G. Faust, 64 and 66 N. Front St., Philadelphia, Pa.

Primula sinensis from best European growers. All the leading varieties in separate colors or mixed. Trade pkt. (250 seeds), 50c; double, red, white or separate, 50c. Cineraria or Calceolaria, 50c. W. W. Barnard & Co., 161-163 Kinzie St., Chicago.

Zirngiebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. New crop seed ready July 1.
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Wholesale price list for florists and market gardeners.
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Pansy seed, large flowering, ready Aug. 1, $4.00 per oz. Jos. H. Cunningham, Delaware, Ohio.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

F. C. Heinemann, Erfurt, Germany.

Haage & Schmidt, Erfurt, Germany.

SMILAX.

Smilax, 2-in., $1.50 per 100.
Fairview Floral Co., Beatty, Ohio.
See Geranium, Chrys., Begonia, Abutilon, Salvia, Petunia, Verbena, Fuchsia.

2¼-in. pots, $1.25 per 100; $10.00 per 1000. Potted April 15. Cash please. W. G. Kraber, Tremont St., New Bedford, Mass.
See Violets.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

100 smilax, $1.25. Cash. Washington Floral Gardens, Washington C. H., Ohio.
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Strong 2½-in. smilax, $2.00 per 100; $18.00 per 1000. Cash. J. N. Kidd, St. Joseph, Mo.
See Rose.

Smilax, 2-in., $1.00 per 100; $8.00 per 1000. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Smilax that is smilax. 2½-in. pots, $1.00 per 100; $8.00 per 1000. J. N. Champion & Co., 1076 Chapel St., New Haven, Conn.

Strong 2½-in. plants, bushy, $1.50 per 100.
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Smilax from flats, 45c per 100; 2½-in. pots, $1.25 per 100.
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From flats, 50c per 100; 2-in. pots, $1.50 per 100. Cash with order.
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Strong 2-in. smilax, $1.25 per 100; $10.00 per 1000. 3-in., ready to run, very strong, $3.00 per 100. C. Humfeld, Clay Centsr, Kan.

Strong seedlings from flats, 40c per 100, $3 per 1000. J. C. Schmidt, Bristol, Pa.
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Smilax, $2.50 per 100.
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See Bouvardias and Ferns.

Smilax, strong 2-in., as fine as any you could wish, $1.50 per 100; $12.50 per 1000. Cash.
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Smilax from pots, $1.50 per 100; $15.00 per 1000. A. M. Herr, Lancaster, Pa.

300 smilax from 3-in. pots, $2.00 per 100.
James Morton, Clarksville, Tenn.

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"The Classified Advs. bring big returns" is the verdict of the advertisers.

LOUISVILLE, KY.

Notes.

Trade the past week has been very good, owing to commencement and funeral work. Roses are of poor quality. Sweet peas are coming in and are very fine.

Jos. Coenen is the happiest man in town, the arrival of a fine boy. Congratulations are in order.

Jacob Schulz is rebuilding three old houses and putting in two new steam boilers.

Henry Fuchs is building a very fine residence of the latest style.

F. Lichtefeld & Son had some very large orders for funeral work last week.

Nanz & Neuner report the largest trade in plants they ever had.

Jno. Boherman, Mr. Unger and Hy Lichtefeld intend making a trip to Cincinnati and Hamilton some time in July.

C. H. Kunzman has completed a large carnation house.

Around Louisville carnations in the field are looking fine. Asters, though, are very poor this year. They have what is called the "rust."

Mr. Charles Neuner, formerly of Nanz & Neuner, died on the 21st of June, and the funeral took place on last Friday afternoon and was attended largely. The floral designs were very fine. HY LICHTEFELD.

KANSAS CITY, MO.

Various Items.

This city is looking decidedly metropolitan at present. One month ago Mayor Reed made a suggestion through the papers to all business men to use paint and kalsomine on the fronts of their stores and to assist in every way possible to entertain the distinguished people who would assemble here at the Democratic convention during the week of July 4. We wish our eastern friends to know that we are not lacking in enterprise here in the West. Three years ago $300,000 was raised by popular subscription for the purpose of building a large hall, to be called Convention Hall. Early last April fire consumed this entire structure. In less than a week the rebuilding of another hall was commenced, and on Sunday, July 1, it was open to the public. Under the roof of this mammoth building the "Tammany Tiger" will on the glorious Fourth instruct the Democratic party how to govern the country for the next four years, should they be elected. Palms are being used liberally in this hall, at the hotels and also at the different committee headquarters, but there is very little call for cut flowers. The outside decorations are showy, and the streets brilliantly illuminated with different colored lights.

Improvements are continually being made on the "Paseo," which is now looking bright with blooms from the summer bedding. In the sunken garden two lyres are beautifully worked out with coleus and ageratum. Band concerts are given here twice a week and there is not a prettier spot in the country.

The premiums for the model lawn contest inaugurated by the Kansas City Times were awarded last week. There were fifty prizes in all, amounting to the aggregate of $1,500. Over three hundred people made special efforts to win one of these honors, and to avoid dissatisfaction and partiality six competent lady judges were selected from out of town, each one to act independently in reaching a decision.

The highest prize, $250, was awarded to one of our society ladies; another of $100 to an old lady 78 years old; a boy of 11 captured $100 with a splendid assortment of flowers grown on a sand hill, and $25 was given a colored lady for the neatest lawn and prettiest flowers of the more common varieties. We hope the contest will be repeated another year and the growers of plants will please take notice that more and better stock will be in demand.

Richard Jarrett & Son have dissolved partnership. Mr. Jarrett has leased his greenhouses for a term of years and Nelson Jarrett is now located in a small way at Fifty-sixth and Troost avenue.

Mr. H. G. Berning, of St. Louis, called upon us last week. Come again, Honey. H. J. M.

NOW.

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WE HAVE received from Messrs. Giblin & Co., Utica, N. Y., a copy of their new catalogue of greenhouse heating apparatus. It is very neatly printed and in addition to illustrations of their boilers, etc., contains some useful tables giving radiation required for houses of various dimensions, and some excellent "Hints to Florists."

WICHITA, KAN.—Henry Hunt has sold his interest in the greenhouses of Culp & Co. to Mr. Culp, who will hereafter conduct the business alone.

SABULA, IA. — W. B. Lovell has made additions to his glass and remodeled the old, and now has a well appointed place.

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G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

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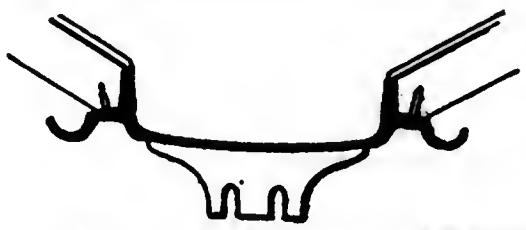
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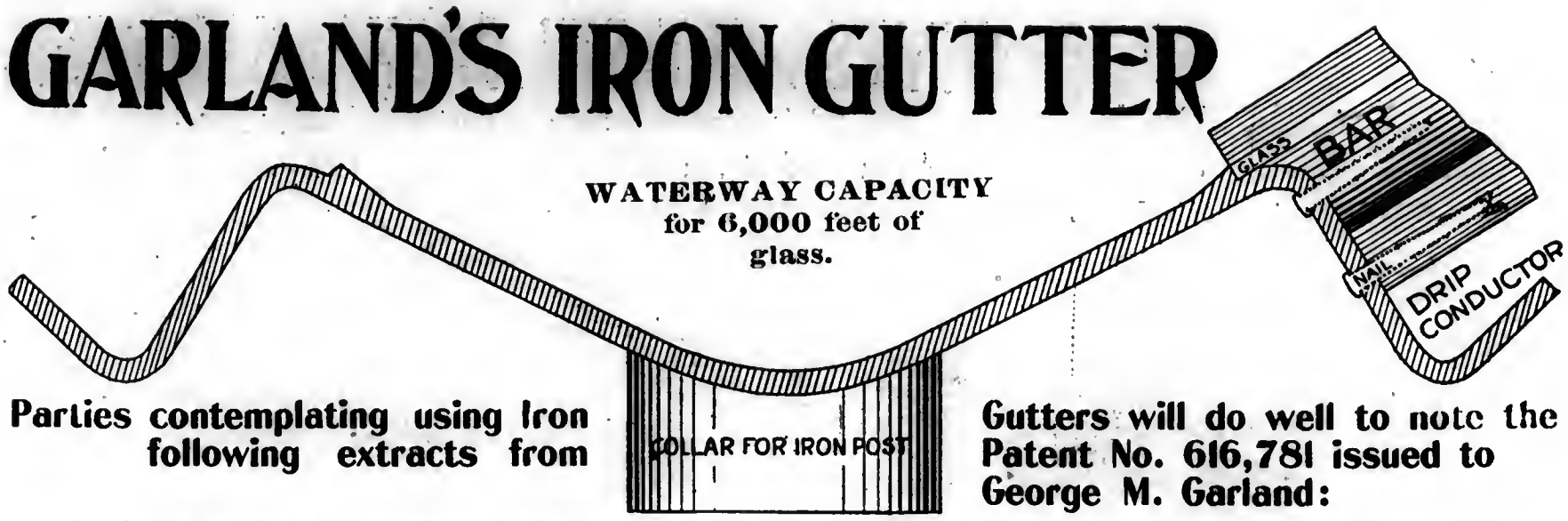
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Originally the rose was white. According to Theocritus, the flowers were stained by blood from the foot of Venus, who stepped on the thorns while hastening to succor the wounded Adonis. Anacreon claims that the rose was dyed with nectar by the gods when it was first created, but another version states that Cupid, while leading a dance on Mount Olympus, overturned a vase of nectar, thus staining the white petals.

GARLAND'S IRON GUTTER



Parties contemplating using Iron Gutters will do well to note the following extracts from Patent No. 616,781 issued to George M. Garland:

The object of the invention is to provide a valley-gutter for greenhouses which will be so constructed as to combine a stop for the glass and a drip conductor.

Another object of the invention is to so construct the gutter that the devices for fastening the gutter to supports will be below the weather-face of the gutter, thus avoiding perforations of the weather-face and consequent liability to leakage.

The nails, screws, or other fastening devices are passed through the drop flanges and into the lower ends of the roof-beams, so that these fastening devices for connecting the valley-gutter to the roof structure are below the weather-faces of the valley-gutter, and consequently the weather-faces of the valley-gutter need not be perforated, insuring against leakage.

George M. Garland

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On one occasion Venus got after Cupid and thrashed him so soundly with a rose branch that the buds became stained; but a far pleasanter version is that the rose was dedicated to Aurora and reflects the glory of her countenance, even as the blush rose retains the color from Psyche's glowing cheek.

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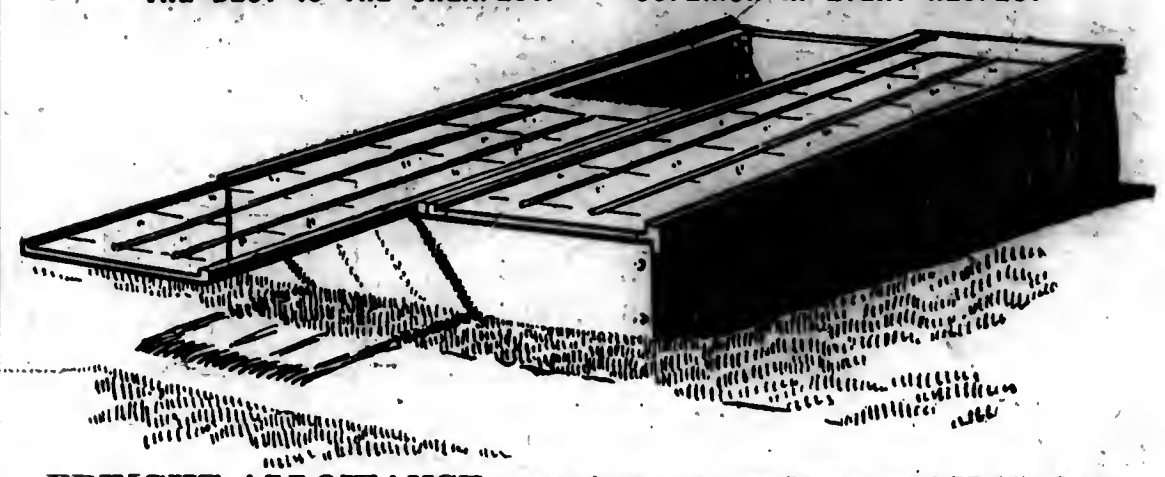
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KEAP STREET GREENHOUSES,
BROOKLYN, N. Y., March 23, 1900.

MESSRS. THOS. W. WEATHERED'S SONS,
46 and 48 Marion Street, New York City.

GENTLEMEN:—I purchased from you last September, one of your Sectional Hot Water Boilers for my greenhouse at Flatbush, and was so well pleased with the results that I bought another one for my Keap Street Greenhouses, taking out another make. Anything I might say would not be too high praise for your boilers. They work perfectly, and I am pleased to say that so far I have saved in coal one-half of the cost of the boilers. They will therefore pay for themselves in another year, a result which I consider remarkable. I would be pleased to reply to anyone desiring the actual proof of above.

Yours very truly, Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

Conservatories, Greenhouses, Etc., Erected complete of our Patent Iron Frame Construction, or of Wood and Iron combined, or Wood alone. **Hot-Bed Sash, Frames, etc. Conical Boilers, seven sizes, and Self-Feeding Boilers for Small Conservatories. Established 1859. Send 4 Cents Postage for Illustrated Catalogue.**

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High Grade BOILERS

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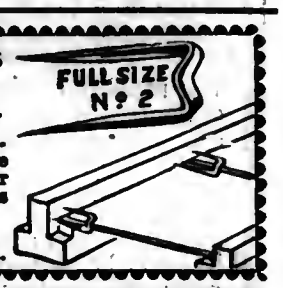
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The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cents, postpaid.

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Rapin states that a queen of Corinth, possessing extraordinary beauty, being pursued by her three lovers, took refuge in a temple of Apollo and Diana. Apollo, to shield her, changed her into a rosebush, in which form she still rules as queen, while the lovers were made to take the form of a butterfly and two other insects, which still hover about her. The queen is still protected by her subjects, who were transformed into the thorns.

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-538 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, JULY 12, 1900. No. 137.



SEND FOR PRICE LIST.

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Ask for our price list on **PERPETUATED PALMS.** Samples sent on request. Address

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IMPORTED PREPARED CYCAS LEAVES.
CAPE FLOWERS, White and Colored.
IMMORTELLES, all colors. METAL DESIGNS,
BASKETS, PEDESTALS, Etc., Etc.

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ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs.



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Calla Bulbs First shipments now arriving. STOCK EXTRA FINE. Order NOW and secure the best.

1¼ to 1½ inches in diameter, per 100, $5.00
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Rose water was generally esteemed by the ancients, and it is stated that the celebrated and beautiful Princess Nourmahal filled an entire canal with it, upon which she sailed in state with the great mogul. During this aesthetic navigation the heat of the sun disengaged the essential oil from the rose water, and, some of this being collected, led to the discovery of attar of roses.

ESTABLISHED 1802

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Also **Cycas Revoluta Stems** in assorted sizes, 3 lbs. to 12 lbs., at $8.00 per 100 lbs., while unsold.

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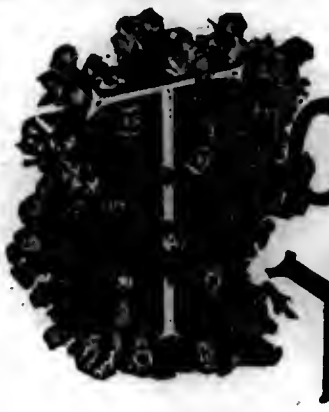
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Pansies Worth Raising.
SEED AS USUAL.
3-16 oz. $1.00; 1 oz. $4.00.
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Arrived in excellent condition — Lælia purpurata, L. grandis tenebrosa and Oncidum Varicosum Rogersii. We have also on hand Cattleya Percivalliana, C. Mossiæ, Lælia Anceps and Lælia Autumnalis.
Write for price lists of Imported and Established Orchids.
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Florists
and Dealers in and Growers of Seeds.
Proprietors of Memphis Nursery. Are Headquarters for
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Established 1869. Write for prices.
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Telegraphic Orders Carefully Attended to...
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Special Summer Roses, Orchids, Valley, Gardenias, etc.
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FRESH FERN SPORES.
WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 8000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.
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C. Soupert	2½-inch.	3.00	25.00
" "	3-inch...	5.00	45.00
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MIXED JARDINIERE FERNS, mostly Pteris varieties, $3.00 per 100; $25.00 per 1000.
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MOORE, HENTZ & NASH,
Wholesale Florists,
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SHIPPING ON COMMISSION.
Telephone 733 18th St.
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NEW CROP NORTHERN FERNS.
50 cents Per 1,000.
Laurel Festooning 4c to 6c per yard. Best of goods always on hand.
CROWL FERN CO., - MILLINGTON, MASS.

Cut Flower Exchange,
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NEAR THE FERRY.
Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.
Wall space for Advertising purposes to Rent.
J. DONALDSON, SECRETARY.
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Zirngiebel..... Giant Pansies.
Market and Fancy varieties are the leading strains to date for size and colors.
For sale in trade packages at one dollar each either strain.
Full directions with every package.
New crop seed after July 1st.
DENYS ZIRNGIEBEL, Needham, Mass.
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THE RETAIL FLORIST.....

Vacations.

The prettiest thing we saw in the New York windows on the 4th of July, was a silk American flag. Never before was the day so generally recognized; most of the principal florists' stores were closed, and all of them should have been. The retail florists, as a rule, even those who have become wealthy, seem to partake of very little of the pleasures of this life. We know of no other business in which the hours are longer; for the greater part of the year they average 14 hours a day, and now in summer, when it is positively foolish to hang around from early morn till late night, we find employers begrudging themselves or their help a week or two away from baked streets and life intolerable.

The florists' business calls for intelligence rather than slavery, and it is better to pay attention to detail and please your customers than try to grab every crumb that falls, which often ends like that of the dog with the bone and his shadow. There are no millions in the business, but there is, even for the poorest, sufficient to enable the worker time and opportunity to replenish life's storage with a little of the sweet to counterbalance the weight of bitterness. The old adage of being a "long time dead" was never so true as it is to-day, and the miser or slave can behold in the mirror that which is most pitiable on earth.

Uniforms.

In the matter of uniforms there is quite a diversity of opinion among employers, but only as to the quality of braid and buttons. We regret the tendency which swells every florist able to open a store into putting his boy or driver into uniform, having his sweet little name plastered in gold braid in front of the boy's cap. We would not be surprised in the least to see some florist having every one working for them wear clothes to match the color of their boxes or wagons; what an enchanting sight that would be!

People will not patronize your store because your men wear livery, no matter how gorgeous it may be; they prefer to be pleased in more substantial ways. Have your delivery boys neatly and plainly dressed; let their intelligence and civility be the brightest element about them.

Salaries.

"Wanted, a bright, sober young man, expert designer and decorator, able to take charge, etc., etc.; wages $12 a month and board; best of references required, etc., etc., etc." Yes, the above or something similar can often be seen in the want columns or in letters. What a pity it is thoughts cannot always be absolute executioners, and that—well, it's no wonder some never get along only on lines discreditable. The convict labor question might be solved if referred to such people.

Let us look at the matter as it really stands. A florist with a store is liable at any moment to come into contact with the wealthiest and most refined class of people; you get an order to decorate a house adorned with the choicest and rarest of gems; you are given the freedom of the house; everything that riches and the pursuits of a life can gather is placed at your mercy—and here be it said to the everlasting credit of the florist, we have never yet heard of a case of the smallest robbery by a decorator. But we have known of cases where vases worth thousands of dollars have been broken by florists or their assistants, and this is just as bad as robbery to the owner. This is one of the most important reasons why you should be careful in the selection of help—temporary as well as permanent. Another one is that in the care of stock, and even in an individual sale, you are liable to lose more than double the wages you pay. A cheap and careless man is about the worst thing you can have about your place.

It requires long years of toil and study to gain the polish and experience necessary to take charge of any section of a retail florist business, and the accomplishment deserves better recompense than even the best paid get to-day. A man may be justified in trying to get help as cheap as he can, but he has no right to insult the profession by offering it what an ordinary drudge would ignore.

Imported Supplies.

Many of the supply men have gone to Europe for the avowed purpose of hunting up novelties for next season's trade. This is an annual picnic from which very little results except disappointment. It is given out every year that this or that is the very latest from Europe, and the most of it is pure bosh. All our best baskets, ribbons, vases, wirework and general supplies are manufactured in this country to-day. Home manufactures, like home grown flowers and ability, cannot be equaled in any other country.

Your Store.

If you have a five or ten years' lease of your store, or feel secure in the prospects before you, try to put an individuality about your place that will be attractive, and give people pleasure in dealing with you. There is much doubt as to the wisdom of spending every dollar you have or more, in trying to surpass everyone in town by the glare of your lights; it is quite unnecessary to have a crystal maze to sell your flowers in—in fact, a vast majority of people prefer the unostentatious; they imagine they have to pay more in the store which seems to require so much glitter and trappings to catch trade, and many would rather patronize the plain if the same grade of stock is procurable, on the idea that they were being fairly dealt with and were assisting the honest tradesman, than to deal in the fancy store where every advantage must be taken in order to defray expenses.

We believe every florists' store should be beautiful, more beautiful than gaudy, and we know innumerable cases where there is more money wasted every year in painting and refitting than would be required to transform the store into a permanent beauty. Many object to a thing because the first cost seems tremendous; the small yet continuous drain is often more suicidal. A retail florists' store should at most times be clean, light, cool and sweet; these elements are necessary for the proper keeping and enhancing of flowers and plants; a dry, gassy atmosphere is ruinous, therefore the ideal store should be tile floored and marble furnished entirely, or at least as much as possible. Imitation marble is now manufactured at small cost; the color can be made to suit; light green or cream colors are best. If the storekeeper would look at matters in the light that many a man has to when building his first greenhouse the expense would not be so formidable.

In your contemplations of what should be done this summer, resolve to make your store the equal of any, the superior of many, by its simple richness. The average store wastes too much room in counters and offices; let the people have room to walk about and admire your plants and flowers. A good mirror, writing table, chairs, a few fine vases or pedestals, etc., handsome baskets, finest flowers, best plants, polite, well-dressed men, are the essential elements conducive to the building up and retaining of a prosperous trade. If you

have not yet got the store you feel secure in fixing up to suit the requirements of the florist business of to-day, lose no time in setting about to get one. There is neither pleasure nor satisfaction in being in anything half-heartedly. The florists' business is and will continue to be a good one, one deserving all the ambition and care it is possible to put into it. We know of none who are too bright for it, not one who has risen above its requirements in art and refinement, nor in energy or education.

IVERA.

PARIS.

The Flower Market.

I came through the market early in the morning and was gazing at the preparations for the great daily orgy of Paris when I espied a crowd of people bustling suspiciously in a corner. A few lanterns threw a light upon the crowd. Children, women and men, with outstretched hands, were fumbling in dark piles which extended along the footway. I thought these piles must be of remnants of meat sold for a trifling price and that all these wretched people were rushing upon them to secure a cheap meal. I drew near and discovered my mistake.

The heaps were not heaps of meat, but piles of violets. All the flowery poesy of Paris lay there on the muddy pavement amidst mountains of food. The gardeners of the suburbs had brought their sweet scented harvest to the market and were disposing of them to the hawkers. From the rough fingers of their peasant growers the violets were passing to the dirty hands of those who would cry them in the streets. At this time (early spring) it is between 2 and 5 o'clock in the morning that the flowers of Paris are thus sold at the Halles. Whilst the city sleeps and the butchers are getting all ready for its daily attack of indigestion, a trade in poetry is plied in dark, dank corners.

When the sun rises the violets, mounted on bits of osier, will gleam softly within their collars of green leaves, but when they arrive in the night they lay prone upon the footway. I noticed just in front of me a bunch that had slipped off a neighboring mound and that was almost bathing in the gutter, and picked it up. Underneath it was soiled with mud and the greasy, foetid water had left stains upon the flowers.

I wondered upon what woman's bosom these wretched flowers would open and bloom. Some hawker would dip them in a pail of water, and while this would remove some of the odors of the Paris mud, but little of their own fragrance would be retained, and in the depths of each blossom a suggestion of impurity would remain. To how many people would these thousands and thousands of violets go? In a few hours they would be scattered to the four corners of Paris, and for a paltry copper the passerby would purchase a glimpse and a whiff of springtide in the muddy streets.

The Central Market is an avenue of flower stalls which runs through the fruit pavilion. Here on either hand, from end to end, big clumps of flowers bloom as in the borders of a garden walk. It is a double edge of blossoms, sweet with perfume. On top of the tiers of stalls are artificial flowers with paper leaves upon which drops of dew are simulated by drops of glistening gum, and memorial wreaths of black and white beads.

The stall keepers go to the suburban growers about 4 o'clock in the morning and buy armfuls of flowers, bundles of moss, bunches of fern fronds and periwinkle leaves to garnish their bouquets. On some days more than a hundred thousand francs' worth of cut flowers are sold on the footways, and some of the dealers make as much as 200 francs in a few hours. I saw mounds of pansies, mignonette, marguerites, and even geranium flowers move at a good price. I saw bouquets made up of all colors and not always pleasing. Red predominated, mottled with violet tints of blue and yellow. I saw some beautiful white lilac which sold in bunches of eight or ten sprays at from 15 to 20 francs in the winter. I was told that camellias were still more costly and arrived in boxes of a dozen, lying on beds of moss and covered with cotton wool.

One day I took a trip out to Fontenoy aux Roses. The little pathway skirting the hill was bordered by large fields of violets. In these were some old women who with dry, withered hands were hurriedly gathering violets and throwing them into large baskets. I called to one of the women. "You want some violets?" said she. "How much—a pound?" Great heavens? She sold her flowers by the pound, as we buy our eatibles at the grocery! I thought of the things I had seen in the Paris markets.

E. R. TAUCH.

"LAKEVIEW ON CHAUTAUQUA."

Comparatively few persons outside of those who have done business with this establishment are aware of the existence of this extensive, growing village of glass. Yet it is not a village, for villages are composed of detached buildings, and this is one great, united block of glass. Within a mile of beautiful Lake Chautauqua, whose waters run to the Gulf of Mexico, and within ten minutes' ride by street car from the center of Jamestown, N. Y., is situated this young and vigorous enterprise.

Who would have dreamed fifty years ago that in what was then a howling wilderness, which when the timber was gone produced mostly bull rushes and bull frogs, there would be built, at a cost of what was then a fortune, an industry to cater purely to the beautiful and luxurious? Is this not a progressive age?

The Lake View Rose Gardens are young—so young that one year ago last September their site was a swamp, and since then have been filled in with a gravelly clay to a depth of 10 feet and a spacious sewer built, carrying the drainage away 1,500 feet to the low land on the north. Here are a few of the figures connected with this establishment, put briefly:

It covers five acres of ground, solid glass, with a 50-acre farm to supply the needed soil. It is over 200,000 square feet of glass, all 16x24. All cypress lumber. There are 34 houses in all. The rose houses are mostly all long span to the south, 20 feet wide. The carnation houses are equal span, 33 feet wide.

It is heated by four boilers, each 100 horse-power, but two usually do the work. A smaller boiler works several pumps, among them one for liquid manure. The central shed is 270 x 30, and this is roofed with glass, used for young stock. There are storerooms for many requisites. The packing room is 60 x 40, with two immense zinc covered tables. This packing room is good enough for a banquet hall and one of Warren Ewell's famous orations would echo through it in fine style.

Close to the packing room is a large cold storage, eight feet below the surface, and seven feet below that is still another long cool room. There are comfortable and clean toilet rooms for both the men and women employed on the place. This is a department that in some large places I have visited is most lamentably absent. In a nearby shed is a saw for cutting or ripping up lumber, and a pipe cutting and threading machine, all run by an electric motor.

Everywhere are dangling incandescent lights. Not that they are used for stimulating growth, but how handy when packing flowers or potting in the dark days of winter. The smoke stack I must not forget, for it is large—100 feet high and 18 feet in diameter at the base; how much at top I could not ascertain and did not have time to climb up. There is an average of 33 pair of hands employed.

Now, this large place is almost entirely devoted to roses and carnations. There is one house of smilax and one of asparagus and one large house of palms, and scarcely anything else. It is solely a cut flower factory. When you realize that all this was built in one year you could hardly expect that last fall it would



View in the Conservatory of Mr. Chas. J. Osborn, Mamaroneck, N. Y.
[Erected by Lord & Burnham Co., New York.]

be in full running order, and so crops were late and a full product was not realized, but this year Mr. Rooney, the able superintendent, has got things in fine shape.

About seventy thousand roses are planted and the last house was under way at the time of my visit, July 6. Sixty-eight thousand carnations are in the field and in spite of dry weather are looking good. All the standard sorts are grown and a trial is given to the seedlings of last spring's introduction. The roses are mostly Am. Beauty, Bridesmaid, Bride, Meteor, and one large house of Liberty. There is also one long house running north and south devoted to Kaiserin for summer use. I saw that Mr. Rooney had an excellent quality of sod and he told me he had ample heating capacity. He has light, ample ventilation, no expense is spared for any requisite to produce good flowers, so I expect that the cut of this place is going to cut a big figure in the flower market of western New York, and perhaps wider.

The addition to the glass this summer will be six carnation houses, using 50,000 square feet of glass. Basking in the sun in a nearby meadow which I mistook for a flock of South Down lambs, are 1,000 boxes of glass.

In the very center of Jamestown is a retail store connected with Lakeview. The store is immeasurably too good for the city. If I were to tell you that for height of ceiling and width and depth and light and elegant but tasty furniture I have not seen its equal, you would think I was talking through my tile, but such is a fact. In the basement of the building is a spacious floor devoted to florists' supplies, in which the firm does a large business.

Any attempt to describe this great young giant would be quite incomplete without a word about the proprietor, Mr. A. N. Broadhead. What a strange coincidence that this man should have such a name, but it only one-third describes him, for he is broad shouldered and broad minded, the last the broadest of all. Every now and then there is one of these sort of men born. It's fortunate they don't come any faster or we weaker ones would stand no show. Did it ever strike you how lucky it is for you that there are so many fools and incompetents in the world? If they were all smart where would you be? I mean you, Mr. Average!

Well, this Mr. Broadhead is one of those big men who can tackle anything and are picayunish in nothing. He controls the large woolen mills of the city, a hotel or two and several blocks of buildings, the street railway and suburban lines, the telephone, the steamers on Lake Chautauqua, the summer resort known as "Celerion," the greatest inland Coney Island of the country; and so that time should not hang heavy on his hands he has built the Lakeview conservatories and they are going to be a go. Mr. Broadhead will make them go ahead and pay just as sure as do his steamers, his railroads, his theatres, and his own splendid high pressure physique that by his appearance pays a big dividend, for his broad remarks and jovial smile indicate that there is nothing good in life that he cuts out. W. S.

CHARLOTTE, N. C.—At the State Experiment Farm an experiment is being made in growing 50,000 Harrisii lily bulbs for a Philadelphia firm to see whether the bulbs can be successfully grown in this state.

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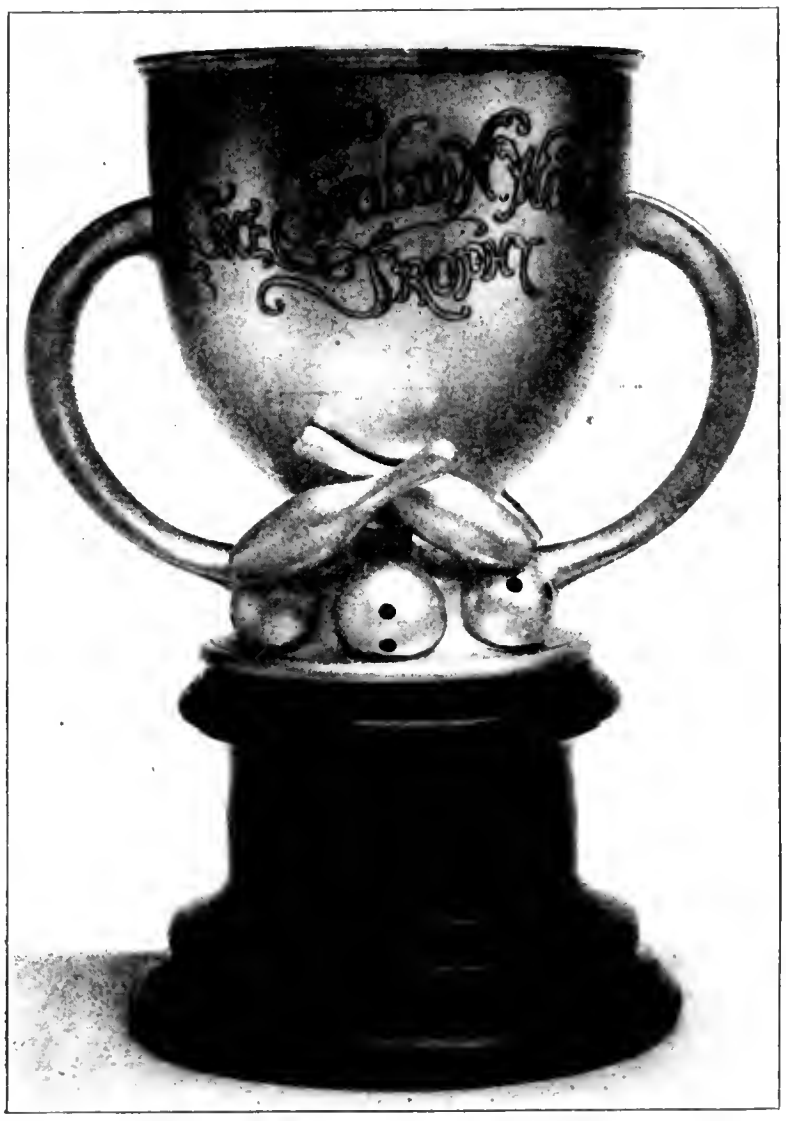
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The Souvenir.

Advertising and printing committee, C. B. Weathered, chairman, announced that the souvenir exceeded all expectations in quantity of advs. and in "make up." Those intending to patronize it must do so before July 18th. He will be glad to answer all queries addressed him at 48 Marion street.

Trade Exhibit.

Manager John P. Cleary, of the trade exhibit, gave a cheering account of his department. There would be over 15,000 square feet occupied by trade exhibits, space was being rapidly taken up, and he urged all those who expect to show their goods at this greatest of conventions to make application at once, in order that all may be properly grouped and located to best advantage. His address is 60 Vesey street.

The General Exhibition.

Horticultural exhibit committee, Joseph A. Manda, South Orange, N. J., secretary, reported that Arthur Herrington had been elected manager of the exhibit and that everything pointed toward this section being a grand success. A great many of the most valuable plants in the neighborhood of the city had been promised. All those desiring schedules, etc., could have them on dropping a postal to him.

Mr. Herrington spoke in explanation of the following scale of points the committee had adopted to use in determining the winners of the substantial cash prizes, which are to be awarded the society and the individual winning the largest number of awards:

Florists' Club gold medal	100 points
S. A. F. silver medal	30 points
Florists' Club silver medal	25 points
S. A. F. bronze medal	15 points
Florists' Club bronze medal	12 points
S. A. F. certificate	9 points
Florists' Club certificate	6 points
Florists' Club Hon. Mention	3 points

Several other committees reported progress. On suggestion of W. J. Stewart a committee of 25 lady florists will be appointed to attend the lady visitors. On motion of Mr. May a special meeting of the club will be held on Monday evening, July 23rd.

Other Business.

Mr. William Duckham was appointed a member of the club's awards committee, vice C. H. Allen, resigned. This committee, through W. I. Brower, reported that in accordance with the rules of the club they had visited W. A. Manda's place at South Orange for the purpose of examining his new rose, "Pink Pearl." They found it to be a great acquisition, a splendid garden rose, etc., and recommended that it be awarded the club's certificate of merit, which was so ordered.

Several new names were added to the list of membership and as quickly appointed on the several special committees.

A letter was read from the veteran F. L. Harris, of Wellesley, Mass., thanking the club for the honor bestowed upon him in electing him an honorary member of the club.

The entertainment committee then endeavored to make up for previous excuses, and their efforts were duly appreciated by all present. On motion of E. W. Neubrand, a practical plantsman will be employed to attend to the watering and care of plants at the show during the convention.

It is earnestly requested that state vice-presidents of the S. A. F. or secretaries of clubs notify the secretary, John Young, 51 West 28th street, before July 23rd, as to about how many visitors are to be expected from the different cities or states, in order to make proper arrangement for their reception. This is a very important matter and the chairmen of transportation committees and others will please notify as soon as possible.

Bowling.

There was considerable fun at the bowling alleys during the afternoon. A friendly game was rolled between the New York and Flatbush teams. The return match will be played on the Flatbush alleys on Thursday evening, July 12th. Following are the scores:

FLATBUSH.

Riley	145
Zeller	165
P. Dalledouze	107
Schmutz	102
Thenis	102
E. Dalledouze	145
	766

NEW YORK.

O'Mara	155
Burns	138
Marshall	127
Thielmann	154
W. A. Manda	150
Plumb	122
	846

Other games rolled were:

Stewart	95	124
Miller	121	128
Wallace	111	100
Young	110	112
Butterfield	131	90
Weeber	56	98
Donlan	110	128
O'Mara	190	180
Burns	157	166
Marshall	178	189
Thielmann	148	176

Various Items.

Going to and coming from vacations are about the most important matters in business circles. Chas. B. Weathered got back in time to celebrate the 4th. His visit to Chicago and other important centers in the west was marked with success in business as well as with pleasure. He reports that large crowds all through the west intend to attend the convention.

Theo. Lang is away with the Elks at Atlantic City.

John M. Thielmann has gone to the Catskills with pockets full of hooks for the trout up there.

Walter Sheridan has returned with neither rod nor gun story, but with healthy color, and is already busy with your hotel list and rates, which will be sent you next week with the official program of the convention.

Louis Dupuy, L. J. Kreshover and Thos. Young, Jr., have gone to Europe for a few weeks.

The sympathy of all in the trade is turned to John H. Taylor and family for their recent bereavement in the untimely death of his brother Arthur.

Ghormley & Perkins, who early in the spring opened a wholesale store in 28th street, have dissolved partnership. Mr. Ghormley will continue the business.

The New York Cut Flower Company held their annual meeting during the week and re-elected the old board of officers.

J. I. D.

BUFFALO.

Several heavy showers that lasted almost long enough to be called rains have blessed this part of the country. We all feel better.

The Main street stores began closing at 6 p. m. on July 1st and find no difficulty in getting out their orders by that time.

The convention is coming along very fast and we have not yet picked out our bowling team or had a practice game for six months. The game is very much out of fashion here and dozens of the alleys are boarded over and turned into soup kitchens and kindergartens. A few of the Teutonic social societies still keep it up, but as a popular amusement it has gone out, and perhaps, like roller skating, will never return.

We were just asked by an official of the N. Y. C. and H. R. R. R. what route we intended to take, for the Chicago and Detroit people would possibly join us. I am sure we shall be honored with their company. Many people take the road that is cheapest, even if it is not so fast. The regular one fare and a third is, I believe, granted by all the principal roads. There is no mistake which is the best road from Chicago or Detroit or Buffalo to New York City. It is the Michigan Central, connecting at Buffalo with the great four-track New York Central. A nine hours' run from here to the Grand Central Station lands you in the center of New York City, right in the hotel district. All other roads take you to New Jersey, where you have mosquitoes, ferry boats and several other inconveniences to battle with.

Last week we journeyed on the one-horse road called the Buffalo and Southwestern to Jamestown. If you want to see the noble red man in a farmer's garb you want to travel on

this road. You will see him at several stations, but at one called "Lawtons" he is most numerous. The half dozen I saw were sitting down on their sitting down place doing nothing, which is their usual occupation. Big, strong men with faces as expressive as a ham.

Jamestown is a beautiful little city, well paved with brick. After a call at the fine store of the Lakeview greenhouses, which is presided over by a fine young lady, I called on Mr. Bartlett, whose store is very near and both in the center of the town. Mr. Bartlett is kept busy at his houses a mile or so nearer the lake and the store is run by Mrs. Bartlett. Although our acquaintance was short I am satisfied that the store is in good hands, for Mrs. Thrall has every quality to please her patrons.

There, is, according to the directory, half a score of florists in this growing city, but time did not allow me the pleasure of a call. W. S.

CHICAGO.

The Market.

The supply has materially lessened since our last report and though the demand is very limited indeed there is really a shortage of good roses and carnations and the dealers are getting better average returns on the lower grades than they were a week ago. Of course most of the rose houses have been replanted and where the old carnation plants have practically played out many have wisely quit picking. More really good roses and carnations could be sold, though not very many. Take it all in all, conditions are satisfactory for the season.

The receipts of sweet peas are much smaller than last week, evidently due to the fact that under conditions then existing it did not pay to pick the flowers. As a result the good ones that come in now move fairly well, though prices are still very moderate.

Most of the wholesale houses now wear the customary summer aspect and wear it peacefully. Vacations are the order of the day.

Various Items.

Plans for the pilgrimage to New York are progressing and present indications are that the number of pilgrims from this point will be unusually large. The more the merrier. If enough delegates center here from the west and northwest it may be possible to secure a special train, in which case the Manhattanites had better be on their guard that such a strong party does not take possession of their island and run away with it.

Mr. W. T. Bell, Franklin, Pa., spent Monday in the city, visiting Washington and Lincoln Parks and the Field Museum, where he found several fossils to which he had not before been introduced. He wended his way westward to the land of gold mines and recent discoveries of gigantic fossils. Though a fossil hunter W. T. is no fossil himself. It is rumored that he will have a conference with Sam Degraw while in Colorado, and they may then determine the exact relation of buffalo horns to the ichthyosaurus.

J. Austin Shaw is back from his trip to St. Paul. He left the city hall and several other of the larger buildings when he came away.

W. A. Kennedy, Milwaukee, was a visitor on Monday. He reports that the Chicago river has lost some of its former aroma but that he can still recognize it with his eyes shut.

C. W. McKellar is still at Chillicothe, O., and the latest report is that his father is very low, with the end expected at any time.

Carl Hagenburger, West Mentor, O., was a recent visitor.

Bowling.

The following scores were made in the second game for position on New York team, played Friday, July 6:

	1	2	3	4	To.	Av.
Ed. Winterson	154	170	230	...	554	185
Geo. Asmus	195	175	174	160	704	176
J. S. Wilson	163	162	142	...	467	156
Chas. Balluff	157	158	124	179	618	155
F. Stollery	155	162	132	...	449	150
John Degnan	122	166	144	...	432	144
P. J. Hauswirth	136	120	156	...	412	137
W. Kreitling	124	149	132	...	405	135

The positions of the contestants to date is as follows:

	Games.	High Score.	Tot.	Av.
Geo. Asmus	4	195	704	176
Ed. Winterson	6	230	970	162
Chas. Balluff	4	179	618	155
J. S. Wilson	6	163	894	149
F. Stollery	6	173	892	149
John Degnan	6	166	854	142
P. J. Hanswirth	6	156	837	140
W. Kreitling	6	149	745	124

During a recent special contest Ed. Winterson made some great scores, his average being 195 in four games. This was on Anson's alleys.

ST. LOUIS.

The Market.

At this writing very little stock is coming in but there is enough for the amount of trade there is just now. Roses are very small and show the effects of the heat. Meteors are the best, although some good Kaiserins are to be seen. Brides and Maids are small, yet they ask 3 cents for them. Best Meteors bring 5 cents. Beauties are all out; none to be had. Carnations are still selling for $1.00 per 100. Some good Scotts and whites are seen, but other varieties are not so good. Outdoor stuff is a glut, sweet peas selling at 20 cents per 100, $1.50 per 1,000, and gladiolus and tuberose stalks at $5.00 per 100; asters are not yet plentiful; $2.00 is asked for the best. Smilax still holds at $12.50.

Notes.

Dr. A. S. Halstedt, H. G. Ude, and C. C. Sanders, trustees of the St. Louis Florists' Club, held a meeting Thursday afternoon and decided that the picnic be held this year at Creve Coeur Lake, on Wednesday, July 25th. Take Delmar avenue cars for the lake, and the price for the round trip is 30 cents. For full particulars, see any of the trustees.

E. W. Guy, wife and children, of Belleville, left last week for Cincinnati to attend a reunion of Mrs. Guy's family. They expect to be gone two weeks.

S. S. Skidelsky of Philadelphia was in town last week calling on the trade.

August Shuerman, of the Shuerman Floral Co., left Sunday night for Burlington, Ia., and Chicago, expecting to be gone a week.

Eugene Wurst has given up his place in East St. Louis. Mr. Wurst will go east, seeking employment on some private place. A better man cannot be found.

Prof. Wm. Trelease reports a pleasant time during his trip east. He says he will not be able to attend the convention this year. Geo. McClure of Buffalo has not yet arrived. Young Mohr of the Botanical Garden reports a good time at Philadelphia.

Bowling.

The first five games of the series of twenty between Kuehn and Beneke resulted as follows:

	1	2	3	4	5	To.	Av.
Kuehn	165	147	134	178	165	789	158
Beneke	135	145	139	166	141	726	145

The first real bowling done by the club since the street car strike was last Monday night, and, as the strike is on again this morning, there is no telling when we will bowl again. The boys all rolled good games, as the scores below will show, Kuehn and Weber doing the best rolling. Carl Beyer, not feeling well, rolled only one game. John Young was in excellent form. Sanders, Kunz and Schray could not attend. It is now an almost settled fact that St. Louis will not be represented in the bowling match during the convention, so we will let Buffalo or Philadelphia take the new cup this year, and as the convention is going to be held in Chicago next year we will be on hand to take it away with us. For the benefit of our readers that they may see what a few rusty bowlers can do; or what they would do were they in practice, we present the following scores:

	1	2	3	4	5	6	To.	Av.
C. A. Kuehn	124	167	202	200	177	176	1046	174
F. C. Weber	171	173	147	152	...	...	643	161
Carl Beyer	154	...	...	...	...	...	154	154
J. J. Beneke	165	164	144	116	150	151	894	149
John Young	143	158	103	146	166	...	716	143

J. J. B.

CARLISLE, PA.—The Civic Club is arranging to hold a chrysanthemum show in November.

DENVER, COLO.

Trade is very quiet, but the market is not overstocked, just enough coming in to go round. Good roses are scarce and bring a good price. A few good Beauties show up daily and find ready sale. Sweet peas are a little overdone.

Mr. Jakobsen passed through this week on his way to Colorado Springs to take up a position with Mr. Clark. Mr. Jakobsen left here last March, where he had charge of the Park Floral Co. greenhouses for ten years. He went east, but found the Colorado climate too much to leave behind. Others say she is a pretty little thing, but I don't believe it. He looks too wise.

The Florists' Club held a meeting last Friday and considerable business was transacted. Things look promising for a good show.

Summer vacations have started and several of the boys and girls are planning trips to the mountains. A very beautiful place to go—when there are no lakes around. A few, though, will wait a while and spend theirs at the convention.

The Park Floral Co.'s Outing.

On the Fourth of July the Park Floral Co. treated their employes to a picnic. Every employe was out and that with wives, children, sweethearts and some without sweethearts made up a good big party. We took the train to Golden and there were met by wagons which conveyed us to the grounds of the Denver Lookout Mountain Resort, Land, Transit and Improvement Co., a pretty long name, but it takes a long while to get there through the mountains. A good track had been laid out and officials were appointed on the way up, so everything was in shape when we landed.

Sam Lundy was judge and his decisions were never questioned, while Mr. Valentine handled the gun like an expert; you couldn't beat the gun a foot. The boys were called first and they ran a 75-yard race, which was won by Harry Berry, with a handicap of 2 1-2 yards. The old men were on next to do a turn of 50 yards and John Berry turned up the winner after a hard run. But that wasn't John's first run in a week; he'd been in secret training.

The ladies next the scorer called and four fine ladies toed the line. There was no way to get a line to handicap them, so they carried weight. Non-winners of races this year were allowed five pounds off and winners of a race to pick up two pounds additional. As Lady Page had earned brackets in every start, she was heavily weighted and crossed the line a winner "all in"; Miss Simpkins acted badly at the post and when she did get off went away on the wrong foot, and it seemed to be in the way all the way down. Next we had the 90 yards dash, open to all employes, and was a handicap. Mr. Valentine did the handicapping and brought the finish down very close. There were twelve entries divided into three heats of four men each, the winner of each to run a final. Don Scott won the first heat off the 5-yard line; Phil. Scott, scratch, and C. Mossholder, on 18 yards line, ran a dead heat in the second, and Geo. Plews won the third heat off the 12 yards line. In the final Plews won, Phil. Scott second and Don Scott third. Time, 9¾ seconds.

Then we had the peanut race next, but although the program did not say so, it was supposed to be for the ladies. When the race was over John Berry, it was found, had won. The judge said: "John, I thought you were a man." "I am," said John. "Well, then, Mrs. Sked gets the prize," said the judge.

The sack race was a feature, as only one of the men had run a sack before. Geo. Plews was on to the game and won easily.

The three-legged race called out three teams and the team that looked the best took a tumble soon after starting, they forgetting that they were tied. Plews and Harry Berry ran well together and won the race, Scott and Bloy taking the tumble. The day's sport was ended by throwing the baseball and Phil. Scott took the bun by making the longest throw.

The party was then trailed over to a lofty peak, where lunch had been spread. It was a magnificent layout, ably gotten up by Miss Page and Miss Simpkins. They had picked out a pretty spot and our view was good for a pretty lookout anywhere we gazed.

Before returning home the party gave three rousing cheers for Mr. Valentine and hoped every one would be on hand for another picnic another year. ROCKY.

BALTIMORE.

Various Items.

For the past two weeks we have been plunged here into the dullest experience of midsummer dullness, yet not absolutely unrelieved by brilliant flashes of floral demands hard to meet. Good stuff is in the vocative, and lately two Charles street florists duplicated to me the same story within half an hour that each had spent the whole morning in endeavoring to secure an elusive two dozen good white roses. White roses, and roses of every hue known to the trade, are sadly deficient, if any regard to quality is maintained, but there is abundant supply of carnations and sweet peas, good, bad and indifferent, and mostly bad.

The windows of the stores are taking on their summer look. They are fresh and neat and attractive in dress of ferns and palms, but destitute of color, save occasionally a vase of carnations, or occasionally a bunch of Beauties.

There does not seem to be any marked enthusiasm developed here so far over the approaching convention, but Mr. Richard Vincent, who is the vice-president for Maryland, is doing yeoman's work in trying to secure an attendance of our florists. Mr. Charlie Siebold is also actively soliciting aid from bowlers of known skill, and it is reported that Messrs. Moss, Binder, Lehr, Halliday and Richmond will not be found sulking in their tents when the bugle calls for the conflict.

Some of our craft are preparing for their deserved vacations. On the 10th Mr. Robert L. Graham and his wife left for a well won journey of pleasure to Boston, Newport, Narragansett Pier and Atlantic City. Others will follow them, as is usual, in trips of lesser extent.

Planting is proceeding with a rush and every one is full of the preparative and customary work of the season. RIX.

OCEANIC, N. J.

Below will be found some extracts from the paper read before the last meeting of the Monmouth County Horticultural Society by Prof. H. C. Walling, editor of the society paper, "Busy Body":

Pills Did'nt Germinate.

One of our members vouches for the following story:

My father was one day presented with a few sweet pea seeds by one of the members of this association. He was told that they were a new and very choice variety and should be given great attention and care. Papa wrapped the seeds carefully in a piece of brown paper and placed them in his pocket. When he reached home he dug up a choice spot in the garden, carefully fertilized it, planted the small black seeds and carefully surrounded the bed with poultry wire to prevent the chickens from destroying the young plants.

Every day for a week or ten days he watched for the appearance of the choice plants but they did not appear. Happening to meet the donor one day, he asked him if his (the gardener's) seeds had sprouted and was surprised to hear that they were up and growing nicely. That is strange, father said. I planted my seeds with the utmost care and for some unknown reason they did not come up. Some three or four weeks later, my father took a small piece of brown paper from his pocket and when he unwrapped it found, to his great surprise, the sweet pea seeds which he supposed were planted long before. This led my father to investigate the matter, and the non-appearance of the sweet peas was soon explained. In the same pocket in which the seeds were placed was another piece of brown paper containing a number of small black pills. These father had carefully planted and had waited patiently to see them sprout.

Ferris Wheel Greenhouses.

Whit Williams, a great thinker and inventor, conceived this idea for building greenhouses. As real estate in and around Oceanic is so valuable, he thought

SAMUEL S. PENNOCK. Wholesale Florist.

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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that to save space, greenhouses might be erected on the Ferris wheel plan, the houses to be fastened on the outside, the same as the regular carriages of the wheel.

According to this plan, Mr. Williams thinks that several advantages can be obtained over the old style. For instance on hot days as the wheel revolves an artificial current of air would be produced which would prove beneficial to the growth of the plants. And then, on the other hand, when the days were very cold all the houses could be heated by one furnace and thus there would be great economy in the matter of fuel.

Another great advantage to be obtained would be the fact that thirty greenhouses could be built on the same space required for three or four of the present kind. And in the mornings before the sun was high enough to send its shining light to the earth the wheel could be put in revolution and each house in its turn would be given an earlier introduction to the sun's rays. This would be a great aid in securing early bloom. As an old proverb says—The early bird is often eaten by the cat.

Mr. Williams would erect the wheels so they could be turned east, west, north or south and if it were necessary Bro. Williams would have an artificial sun and his idea would be to rent these houses to young gardeners, like Geo. Kuhn, who could become wealthy through our protective tariff and war duties. His idea was to erect those revolving, wheeling greenhouses at Cartontown so as to be near the Oceanic Central Market place and the great steamboat docks.

It is very gratifying that such an enterprise should be conceived in Oceanic, and it proves the fact that this town possesses brain and talent which the whole world is bound to recognize in the future. Bro. Williams will have his thought patented.

Notices.

If you see it in the Horticultural Busy Body, it is true and if you hear it somewhere else it never happened. It contains news—present, past and future; facts, mackeral facts and Butterbach's lies and exaggerations. In fact it is the best paper in Oceanic and would make an excellent wall paper because it is so highly colored. Kindly subscribe for the "Busy Body" if you want to get roasted.

Brother Williams, we are happy to say, will announce to night that he is prepared to deliver a lecture upon the subject. How to Grow New England Spinach or Lima Beans.

NEXT YEAR.

Ed. Florists' Review: Learning that some strictures have been placed on the attitude of Chicago toward the next meeting place of the S. A. F., it would seem that a few words of explanation may be advisable. It seems that there are a few benighted individuals who think there is a remote possibility that the convention may go to Buffalo, and who wish to know what Chicago will do in such an event.

It is exceedingly difficult to conceive that such a thing may occur and hardly worth while to speculate on it. However, it is not difficult to imagine what Chicago would do in such an event. It would simply be a case of "We move to make it unanimous" and turn in and strain every nerve to make the convention a success, wherever held. In the meantime there is no Chicago florist who is not willing to play all sorts of odds on Chicago to win.

W. N. RUDD.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

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FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

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WESTMORELAND, N. Y.—Hartley Thompson is enlarging his glass to meet his increasing business.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—At once, a perfectly reliable florist in every respect: thoroughly competent to take charge and do growing in two new houses; roses and carnations; single man preferred; state wages wanted and write, giving references, immediately. J. W. Bernard, Marion, Ind.

WANTED—An A1 man to grow roses, carnations, violets, mums and general bedding stock on a place of 22,000 sq. ft. of glass; must be a good designer; none other than a sober, industrious man need apply; write at once stating experience, references and wages expected. Address Northern, care Florists' Review.

WANTED—A boiler to heat 5000 sq ft of glass; must be in excellent condition and cheap; steam or hot water; also 500 ft. 2 inch wrought pipe, 1500 ft. 1¼-inch wrought pipe with fittings. Wm. Fretts, Effingham, Ill.

FOR SALE—Four greenhouses, 12x70, with eight years' lease of ground; stock included; no rent first year; price $350. H. Millingar, Merchantville, N. J

FOR SALE—Extra good second-hand 3 inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—As foreman or manager; would run a place on shares, or rent Place must be in good condition. Address 50, care Florists' Review.

WANTED—Boy to learn the growing of cut flowers Please state age. Address John L. Wyland, De Haven, Pa.

WANTED—Situation as assistant florist. Am interested in the business and would take medium wages to start. Address H. M., care Florists' Review.

WANTED—A man to learn green-house business. Steady place the year round. H. S. Baker, Warsaw, N. Y.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT—Five Greenhouses, heated by steam; city water; cheap rent Call Saturday or Sunday on A J Harms, Agent, cor. Berteau and Western Aves., Harms Park, Chicago, Ill.

JOHN B. FERGUSON, Wholesale Florist,

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FOR SALE—Florist's business, greenhouses and stock, situated in one of the oldest settled towns in southern Michigan. One of the most encouraging places that could be desired; small at present but could be easily and quickly extended. An excellent opportunity for a practical man with small capital. Reason for selling, health. Address Business, care of Florists' Review.

GREENHOUSES FOR SALE—Over 3,000 feet of glass. Ten years' record sales have been $1,200 per year, without advertising. Will sacrifice. If you mean business, address Mrs. S. A. Starr, Joliet, Ill.

WANTED—Some second-hand cast iron pipes, 4-in. or 2-in. wrought iron pipes, in good condition. W. P. Ranson, Florist, Junction City, Kan.

WANTED—A good A1 man to grow roses, carnations, mums and general bedding stock; must be a good propagator. A steady place for the right man. State lowest wages, with board, to start with. C. Humfeld, Clay Center, Kan.

FOR SALE—House, barn and greenhouses, with stock in good running shape, $700 cash, balance easy payment. Within 40 miles of Chicago. Address American, care of Florists' Review.

FOR SALE.

FOR SALE. — On western coast of Michigan, 2 lots, 2 greenhouses, all modern appliances, in excellent condition. Good business location. Good opportunity for energetic man. Price **$2,200.00.** Write for particulars.

FOR SALE OR RENT. — Near Erie, Pa. Lot 100 x 150. Large two-story dwelling and four greenhouses almost new. Good glass and well heated. Excellent business location. Price **$2,000.00,** easy payments.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

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P. O. Box 869.

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PLANTS...

Celery, Tomato, Cabbage, Peppers, Etc.

Cheap in Large Lots.

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ST. PAUL.

This season has been the dryest in over thirty years and all outside stock has suffered more or less. Carnations in the field show lack of moisture but will still make good plants if rain comes soon. The continued drought is affecting many lines of trade, but has had but little effect on the florists' business. Cut flowers have been in good demand and there has been a shortage of good stock.

Planting is now the order of the day with the growers. Mums are nearly all in and roses are being put in as rapidly as possible. Liberty has made its appearence here and is most highly commended by all who have seen it. Its color, form, fragrance and texture are all right, while the plant is a strong, clean, vigorous grower. If it has the staying qualities of the Bridesmaid and will produce flowers every day and plenty of them, it will be the greatest addition since the advent of the Bridesmaid.

R. C. Seeger is erecting several new greenhouses, making an addition of 15,000 square feet to his present glass area. When completed he will have 21,000 square feet and one of the best equipped ranges in the city.

Several of the new houses are of the "short span to the south" style. By building them higher than is ordinarily done he claims to overcome the main objection to this style of building, viz., no sun on the north bench. Sixteen by sixteen butted glass is used. A firm believer in the merits of Liberty, he is putting in 800 of this variety. Beauty, Meteor, Bridesmaid, Brides, Golden Gate, Kaiserin and Carnot are also grown successfully. In carnations, Mrs. Bradt, Crane, White Cloud, Flora Hill, Triumph, and Daybreak are the principal varieties grown. The place will be devoted entirely to the growing of cut flowers, in which branch Mr. Seeger has been eminently successful, his roses being among the finest ever brought to this market.

Otto Hiersekorn, who conducts two stores, is about to close the one on Fourth street.

J. Austin Shaw of Brooklyn, New York, Newark, Chicago, and the world in general, representing Jackson & Perkins Co., was a caller the past week, and carried away a grip full of fat orders from the Twin Cities. Other callers were H. W. Buckbee, Rockford, Ill.; A. Ringler, representing Barnard & Co., and H. E. Philpott of Winnipeg.

Since I commenced writing rain has fallen in large quantities, insuring the success of the later crops of the farmers and benefiting all creation, especially the florists. X. Y. Z.

FT. DODGE, IA.—P. L. Larson is preparing to build a new house 25x 125.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
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37-39 Randolph St., CHICAGO, ILL.
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WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
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Carnation Blooms...
In Unlimited Quantities, Shipped to all points.
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WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
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Diffuse in poetry and sentiment. Of specia interest to young people. Elaborate in designing handsome and attractive. Inexpensive. Samples 4 cents in stamps.
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Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

LOOK! ....CLEARING SALE.... LOOK!

Grand Clearing Sale of Florists' Supplies.

To clean up surplus stock we offer the following:

300 Bales Pressed Clean Sphagnum Moss, 60c per bale.

60 Bales Fresh Tobacco Stems, 200 lbs. to bale, $1.50 per bale.

1200 Cycas Leaves, Preserved, from 24 to 40-inch, equal proportion of each, $15.00 per 100

200 Artificial Palm Plants, assorted sizes, $4.00 per doz.

Will supply any amount desired at prices quoted, as long as stock lasts.

400 Lbs. White Cape Flowers, 80c per lb.
1000 White Pampas Plumes, $2.00 per 100.
1500 Colored Pampas Plumes, $5.00 per 100.
2000 Neat and Fancy Baskets, in assortments, $10 to $25 assortments.
1000 Reams Tissue Paper, best, 45c per ream.
300 Reams Wax Manilla Paper, medium, $1.40 per ream.

Ribbons, Wheat Sheaves, Bouquet Pins, Doves, Immortelles, Cape Flowers, Flower Vases and all Florists' Supplies at corresponding low prices.

CUT FLOWERS. FIRST COME, FIRST SERVED. CUT FLOWERS.

McKELLAR & WINTERSON, 45-47-49 Wabash Avenue, **Chicago.**

TOPEKA, KAN.

Various Notes.

While New York and Chicago are sweltering in 90 degrees of heat, we, here in this prohibition state, can go them 10 degrees better. The mercury registered 100 degrees in the shade for three days last week and the dispensers of soft drinks were the busiest people in town. With this high temperature the rate of mortality usually increases, and, as Mr. James Hayes, our leading florist, remarked, that during his fifteen years' residence here he never remembered so many funerals and weddings in one month as occurred in the past month; everything from a sprig of smilax to a sunflower found a ready sale.

Mr. Hayes owns about 8,000 feet of glass and his young rose stock looks very promising. He is thinking of adding another house this summer. Calling in at his down-town store, we found Mrs. Hayes arranging some swell bouquets for a wedding, to be finished off with fancy ribbons. Mr. Hayes admits that he is a lucky man in having such an able assistant, and Mrs. Hayes is as affable as she is talented.

Another good business woman is Mrs. M. E. Hollcraft, who runs a store on West Sixth street, and is gradually building up a good trade. One day last week she had orders for five large designs, and says that hunting up good flowers is more tiring than the arranging of the work.

Two months ago J. E. Rodman dumped some calla plants on an old smilax bed, which soon commenced to make new growth, and he is now cutting some fine blooms, with prospects good for an all-summer crop. He has promised us all particulars on final results. Judging from the quality of stock shipped into Topeka, he says there are some growers who must have a poor estimation of the business ability of the florists here.

Hiram Hulse: Yes, my boy, we have had a good season, and I tell you some of us needed it, too. H. J. M.

YOU CAN easily find what you want in The Review's Classified advs.

E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

Mention The Review when you write.

FOR **PALMS** Write to **Walter Retzer & Co.**

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) **CHICAGO, ILL.**

Mention The Review when you write.

Choice Pot Plants, 1c Each.

We wish to give our customers the benefit of very low prices for a short time.

Geraniums, the choicest, most desirable varieties to be had, true to name. Bruanti (best semi-double scarlet), S. A. Nutt, Athlete, White Swan, La Favorite, Mrs. J. M. Garr, (best single white), Beaute Poitevine, American Wonder, Mrs. E. G. Hill, Mme. Bruant and others, $2 00 per 100, strong 2½-in.; Rose Geraniums and Mme. Salleroi, 1c each; strong 2-in.

Petunias, double fringed, in full bloom, Henderson's and Dreer's latest superb sets, strong 2-in. 1c each; really worth $1.00 per doz.

Fuchsias, choicest sorts, strong 2-in.; $1 50 per 100; fine 4-in. full bloom at 6c; 2½ and 3-in. at 2c.

Coleus, elegant named varieties, all beauties, 1c each, strong 2 and 2½-in.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c.

Salvias and **Giant Alyssum**, 1c.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay.

Smilax, strong 2-in., as fine as any you could wish, $1 60 per 100; $12.50 per 1000.

Roses, fancy extra select Brides, Perles and Maids, 3-in., 4c; the same in 2½ in. pots, including Meteor, 3c; Kaiserin, Wotton, Golden Gate, Belle Siebrecht, strong 2½-in., 4c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Smilax THAT IS SMILAX.

In 2½-inch pots.

Per 100, $1.00; per 1000, $8.00.

JOHN N. CHAMPION & CO.

1026 Chapel St., New Haven, Conn.

Mention The Review when you write.

CELERY and CABBAGE

CELERY. Pink Plume (extra strong), Golden Self-Blanching, Giant Pascal, Golden Heart, New Rose and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CABBAGE. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

KALE. Dwarf Green Curled Scotch, same price as Cabbage. If any of the above by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

FASTER TIME VIA THE WABASH.

Continental Limited.

Commencing June 27 the Continental Limited leaves Chicago at 12:40 noon, instead of 12:02, and arrives New York 3:15 and Boston 5:20 the following afternoon. Through sleepers to both points.

NOW.

Now is a good time to secure a copy of the Florists' Manual, by William Scott. You need it in your business. It is a book that will help you to save money and to make money. You cannot expend $5.00 in any better way. It is the best business investment you can possibly make. Start the new season in the right way—Mr. Scott's way. Let us have your order now.

THRIPS.

I was never troubled with thrips in the field, but had them in the houses, where they spoiled quite a number of flowers before I was aware of the pest. We used tobacco extract in the usual way as we use for fumigating, and found it very effective. Judging from the beneficial effect there, dusting the plants with tobacco dust in calm weather would give relief in the field; or use about two or three spoonfuls of the extract to a two-gallon can full of water and sprinkle over the plants with a fine rose.

FRED DORNER.

SABULA, IA.—W. B. Lovell, the florist, recently returned from a tour of Old Mexico and brought with him a collection of seventy-two photographs taken by himself.

SAN FRANCISCO, CAL. — W. R. Phillips, a nurseryman at Pomelo, Sacramento county, has asked to be declared a bankrupt. Phillips owes $2,964.13 and has no assets.

GRASS LAKE, MICH.—Seed growing has become an important industry near here. This year 900 acres have been planted to cucumbers, 400 to tomatoes and 300 to watermelons, all under contract for seedsmen.

HILLSDALE, MICH.—Carl Hirsch, florist for the Lake Shore railroad, has planted 191 flower beds at various stations along the line. The work was all done in four days and the distance traveled was 1,055 miles. A special train was provided and nearly four carloads of plants were distributed.

KALAMAZOO, MICH.—The Kalamazoo Nursery and Floral Co. has been incorporated with a capital stock of $10,000. The officers are C. A. Maxon, Pres.; Judge J. M. Davis, Vice-Pres.; C. A. Krill, Sec'y and Treas. W. C. Cook, formerly of Chicago, will be manager. Four houses, each 20x100, are to be built at once and additions will be made later.

NEW SEEDLING ROSE
WINNIE DAVIS.

This grand rose should be grown by every florist as a pot plant, or for forcing, being a cross between Kaiserin Aug. Victoria and Belle Siebrecht. Color, apricot pink, shading to a flesh tint; odor of a most delicious ripe fruit. Shape being oblong and well formed, when fully open resembling a sunburst, which is most striking and beautiful. A very free and vigorous grower and bloomer. Color never changes in dark weather like most colored roses. Magnificent light green glossy foliage. Strong thrifty plants, 2½-in. pots, **$5.00** per doz.; **$35.00** per 100.

Address NANZ & NEUNER,

582 Fourth Ave., LOUISVILLE, KY.

Mention The Review when you write.

PLANTS AND ROOTED CUTTINGS.

	Per 100
Asparagus Plumosus, 2¼-in	$3.00
Asparagus Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Begonia Rex, 2¼-in.	4.00
" " 3-in.	6.00
" " 3½-in.	8.00
Baby Primrose, 2¼-in.	4.00
Coleus, fancy, 2¼-in.	3.00
Cuphea (Cigar Plant) 3-in.	3.00
Cyperus (Umbrella Plant) 2¼-in	4.00
Dracaena Ind., 3-in.	$6.00
" " 5-in.	25.00
" " 6-in., extra.	50.00
Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in.	6.00
Maurandya, 2¼-in	2.00
Fuchsias, 2¼-in. $3.00; 3-in.	4.00
Geraniums, Ivy, 3½ in.	4.00
S. A. Nutt, Double Grant, La Favorite Elizia, Glo. de France, etc, 2¼-in.	3.00
Happy Thought, 2¼-in.	4.00
Double New Life, 2¼-in.	6.00
Heliotrope, 2-in., $3.00; 4-in.	$6.00
Hydrangea, pink and white, 2¼-in.	5.00
Impatiens Sultani, 2¼-in.	3.00
Lemon Verbena, 2-inch	3.00
Pansy Plants	1.50
Var. Trailing Abutilon, 2¼-in.	4.00
Violets, Farquhar, 2¼-in.	2.50
" " 3in.	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00

ROOTED CUTTINGS. Per hundred.

Anthemis Cor., (Dble. Yellow Marguerite)	$1.50
Begonia Rex	2.00
Forget-Me-Not, winter flower	2.00
Geraniums, sweet, in variety	$1.50
Named	1.50
Happy Thought	2.00
Silver Leaf	1.50
Freak of Nature	2.50
Geraniums, Bronze	$1.50
Mrs. Pollock	2.00
Vinca	1.25
" per 1000	10.00
Snow Crest Daisy	2.00

Write us for prices on 1,000 lots. Terms — Cash or C. O. D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

50,000 FIRST QUALITY FORCING ROSES.

READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

WOOTTON LA FRANCE AMERICAN BEAUTY GOLDEN GATE
3-inch pots, $3.00 per 100; 4 inch pots, $12.00 per 100.

METEOR, BRIDESMAID, SAPRANO, BON SILENE, MERMET, PERLE, KAISERIN, MAID OF HONOR, MME. HOSTE, BRIDE,
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

GRAFTED ROSES. **MAID OF HONOR, GOLDEN GATE,**
3½-inch pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

ROSES,
GOLDEN GATES, thrifty stock, from 2½-inch pots, **$4.00** per 100; **$35.00** per 1000.
BRIDESMAIDS, $3.00 per 100; **$25.00** per 1000.

A Few Hundred PERLES,
from 2½-in. pots, **$3.50** per 100.

PHŒNIX CANARIENSIS,
from 5 and 6-inch pots, **$3.00** per doz.; **$20.00** per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

ROSES To Close Out....

METEORS .....in 3 and 2½-inch.
LA FRANCE .....in 2½-inch.
GOLDEN GATE .....in 2-inch.
BELLE SIEBRECHT.....in 2½-inch.
MAIDS .....in 2½ and 2-inch.
BRIDES .....in 2½ and 2-inch.
PERLES .....in 2-inch.
KAISERIN .....in 2½ and 2-inch.

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established.

Boston Ferns ready for 5-in pots.

...WRITE US...

GEO. A. KUHL,

PEKIN, ILL.

Send $1.00 for samples of what you want.

ROSE PLANTS.

METEOR, 3½-inch pots, **$5.00** per 100; **$40.00** per 1000.

Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.

BRANT & NOE, Forest Glen, Chicago, Ill.

Mention The Review when you write.

Rose Plants

Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES, 3-inch, $4.00 per 100; $35.00 per 1000. 2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

3309 N. Western Ave., CHICAGO, ILL.

ROSES - Brides, Maids, Perles, Meteors,
2½-in., strong, per 100, **$3.00**

FINE PLANTS.

SMILAX - Strong, 2½-in., per 100, **$2.00**; per 1000, **$18.00**

FOR CASH.

J. N. KIDD, ST. JOSEPH, MO.

Mention The Review when you write.

Wabash Midnight Flyer to St. Louis.

Spend the evening at home or at the theatre—leave Chicago at 11:30 p. m. and be in St. Louis before eight o'clock next morning. Try this popular train.

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3 00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	8.00
Golden Wedding	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

BEGONIA REX!

Extra fine stock in good assortment, from 2½-in. pots, ready for 4s, $6.00 per 100.

Asparagus Sprengerii,
Strong, from 2¼-in. pots, $3.00 per 100

Asparagus Tenuissimus,
2¼-in. pots, $3.00 per 100.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER.
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Speclalties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,
226 North 9th Street,
BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

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Begonia... Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

SMILAX

From Pots, Ready Now.

$1.50 per 100; $15.00 per 1000.

Asparagus Plumosus

From 3-in. Pots, ready July 15th.
$6.00 per 100; $50.00 per 1000.

You will make no mistake in sending me your order. This stock is of the same high quality as that furnished last season. Samples furnished to new customers if desired.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Last Call....

	Per 100
10,000 Coleus, named, our selection, 2¼-in	$1.50
5,000 Geraniums, mixed, 2¼-in	1.50
3,000 Iresines, red and yellow, 2¼-in	1.50
1,000 Alternanthera, large leaved only, 2¼-in.	1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
1,000 Fuchsias, mixed, 2¼-in	1.50
300 Asparagus Plumosus, 7-in	20.00

CASH.

The Morris Floral Co.
MORRIS, ILL.

Mention The Review when you write.

EDWARD B. JACKSON,

Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.
In any quantity for the least money.

STAMFORD, CONN.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,
RICHMOND, INDIANA.

Always mention the Florists' Review when writing advertisers.

Smilax.

		Per 100
	Fine plants, 2-in. pots, $8.00 per 1000.	$1.00
Asparagus	Sprengeri, 2-in. pots	3.00
	Plumosus Nanus	4.00
Primroses,	July 1, Chinese, Forbesi, Obconica, Grandiflora and Rosea	2.00
Pansy Seed,	large flowering, August 1, per oz	4.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.

Mention The Review when you write.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000.

Geraniums. S. A. Nutt and Bruanti, $6.00 per 100; 3-in., $3.50 per 100, including Salleroi.

Roses in 3-in. pots, ready to plant, $4.00 per 100; $35 00 per 1000. **Red and Yellow Alternanthera,** $2.00 per 100; $15.00 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Carnations.

F. DORNER & SONS CO.
LA FAYETTE, IND.

Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.

CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

W. E. HALL, - - CLYDE, O.

Mention The Review when you write.

FIELD GROWN CARNATIONS

Orders booked now for fall delivery.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Trailing abutilon, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c. Cash.
South Side Floral Co., Springfield, Ill.

Send in your order now for a copy of the Florists' Manual.

ALTERNANTHERA.

Red and green, from pots, $1.50 per 100.
Grovedale Nurseries, Fisher's Lane, above 2nd St., Philadelphia, Pa.

Red and yellow alternanthera, $2.00 per 100; $15.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

1000 alternantheras, large leaved only, 2½-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Plumosus Nanus. Transplanted seedling plants, for July and August delivery, ready for 2½-inch pots, at $3.00 per 100; $25.00 per 1000; 500 at thousand rates. Express prepaid. Cash. R. Asmus, New Durham, N. J.

Asparagus Sprengeri from 2-in. pots, 5 to 7 growths, $2.50 per 100; from seed pans, 2 to 3 growths, $1.50 per 100, postpaid. Cash please.
C. S. Tait, Brunswick, Ga.

Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
J. B. Heiss, Dayton, Ohio.

A. Sprengerii, strong field-grown clumps, all sizes, from $3.00 to $10.00 per 100.
B. H. Ritter, Port Royal, S. C.
See Bulb, Caladium, Palm, Gardenia.

Asparagus Sprengeri, 2-in., $3.00 per 100. A. plumosus nanus, 2-in., $4.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, large, strong plants ready for 4-in. pots, $8.00 per 100. Robert Mann, 1258 S. Wash av., Lansing, Mich.

Asparagus plumosus, 2¼-in., $5.00; A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, 2½-in. pots, $4 per 100; $30 per 1000. 3-in. pots, $5 per 100.
Edw. J. Taylor, Southport, Conn.

Asparagus Sprengeri and tenuissimus, 2¼-in., $3.00 per 100.
N. Smith & Son, Adrian, Mich.

Asparagus Plumosus, from 3-in. pots, ready July 15, $6.00 per 100; $50.00 per 1000.
A. M. Herr, Lancaster, Pa.

300 Asparagus plumosus, 7-in., $20.00 per 100. Cash. Morris Floral Co., Morris, Ill.

500 Sprengeri, 2½-in., strong and healthy.
Henry Behrens, Middletown, O.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, 2-in., $3.00 per 100.
C. Winterich, Defiance, Ohio.

ASTERS.

Fine, stocky plants from the field. Ostrich Feathers, Queen of the Market, Semple's, Victoria, Vick's and Truffaut's Perfection, 35c per 100; 300 for $1.00; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Smilax and Vegetables.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay. Cash.
South Side Floral Co., Springfield, Ill.

Paeony Perfection white; also Paeony Perfection mixed, and Victoria. Finest mixed, fine transplanted plants for 50c per 100 to close out the lot. H. S. Baker, Warsaw, N. Y.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, $4.00 per 100 by mail; $25.00 per 1000. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

BASKET AND VASE PLANTS.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; $4.50 per 100.
The Calla Greenhouses, Calla, Ohio.

BEGONIAS.

Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
The Cottage Gardens, Queens, N. Y.

Begonia Rex, 2¼-in., $4.00, 3-in., $6.00, 3½-in., $8.00 per 100. Rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

Begonia Rex, extra fine stock in 2-in., ready for 4-in., $6.00 per 100.
N. Smith & Son, Adrian, Mich.

2000 mixed begonias, 1000 Erfordi and 1000 red vernon in 2¼-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEA.

Sanderiana, 8-in., extra fine, $5.00 per doz.
Grovedale Nurseries, Fisher's Lane, above 2nd St., Philadelphia, Pa.

BOUVARDIAS.

Bouvardia, 2-in., $3.00 per 100. McCrea & Cole, Battle Creek, Mich.
See Smilax and Ferns.

BULBS.

Calla bulbs. First shipment now arriving. Stock extra fine. Order now. Per 100, 1¼ to 1½-in., $5.00, 1½ to 1¾-in., $7.00, 2 to 2½-in., $9.00. Bermuda Freesias, L. Harrisii and other forcing bulbs expected soon. We are prepared to quote reasonable prices. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Freesia bulbs, for immediate delivery.
¼ to ⅜-inch diameter.....$0.75 per 1000
⅜ to ½-inch diameter..... 1.75 per 1000
½ to ¾-inch diameter..... 3.50 per 1000
The smaller bulbs will prove as satisfactory as the larger if planted early. Johnson & Musser Seed Co., Los Angeles, Cal.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Caladium, esculentum, started bulbs, 3-4-in. diameter, $2.00 per 100; $15.00 per 1000.
B. H. Ritter, Port Royal, S. C.
See Caladium, Asparagus, Palm, Gardenia.

Calla Bulbs. We offer our surplus of Callas, size 1-1½-in. diameter, at $1.75 per 100; $15.00 per 1000. Johnson & Musser Seed Co., Los Angeles, Cal.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Calla Sets, $2.50 per 1000. Add 15 cents per 1000 for postage. Germain Seed and Plant Co., Los Angeles, Cal.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Japan Bulbs and Plants.
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C. Soupert	3.00	25.00	5.00	45.00
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Only selected growth from flowering shoots used in propagating. Wootton, La France, American Beauty and Golden Gate, 3-in., $8.00; 4-in., $12.00 per 100. Meteor, Bridesmaid, Safrano, Bon Silene, Mermet, Perle, Kaiserin, Maid of Honor, Mme. Hoste and Bride, 3-in., $7.00; 4-in., $10.00 per 100. Grafted roses, Maid of Honor, Golden Gate, 3½-in., $15.00 per 100.
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AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. Maid, Bride, Perle, 3½-in., $8.00, 4-in., $10.00. Also Sunset, Meteor, Morgan, Mermet, La France, Niphetos, Kaiserin, Golden Gate, Maid of Honor. Grafted Bride, large 4-in., $20.00 per 100. A. S. MacBean, Lakewood, N. J.

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3000 2½ and 3-in. Brides, 3000 2½ and 3-in. Maids, 500 2½ and 3-in. Meteors, all at $3.00 per 100, $25.00 per 1000. Stock in good, healthy condition. Order now.
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Extra fine, clean, growing stock of Brides, Maids, Meteors, Golden Gate. 4-in., $6.00; 3-in., $4.00 per 100. Beauties, 3-in., $5.00 per 100.
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Fine plants, from 2½-inch pots. Maid, Bride, Mme. Cusin, Perle and Meteor, $3.00 per 100. Cash with order.
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Brides and Maids. Nice, strong, bushy plants in 3-inch pots, ready for 4-inch, $4.00 per 100, $35.00 per 1000.
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Hardy roses in great variety.
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Manetti stocks for fall delivery.
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Pansy Seeds. The Famous Diamond Strain, the best strain in the world of the German type of Pansy; largest in size and greatest variety of rich and odd colors. A trial will prove it. I have received hundreds of testimonials from florists who have used this strain, of which the following are samples:

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Price, over 50 distinct sorts and an endless variety of shades, all mixed. per oz., $5.00; ½ oz., $2.50; ¼ oz., $1.50; trade packet, $1.00. Cash with order.
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Vautier's Mammoth Pansy. New crop seed now ready. This is the largest and finest pansy ever offered. We have testimonials from florists from all parts of the U. S., praising its size and merits. Trade packet, $1.00; oz., $4.00. H. G. Faust, 64 and 66 N. Front St., Philadelphia, Pa.

Seeds for present sowing. Pansy, Florists' Mixture, ⅛ oz., $1.00; trade pkt., 25c. Primula, calceolaria and cineraria, trade pkt., 50c.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Zirnglebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. New crop seed ready July 1.
D. Zirnglebel, Needham, Mass.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.
Johnson & Stokes, Philadelphia, Pa.

Pansy seed, large flowering, ready Aug. 1, $4.00 per oz. Jos. H. Cunningham, Delaware, Ohio.

Pansy seed, 3-16 oz., $1.00; 1 oz., $4.00.
Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

F. C. Heinemann, Erfurt, Germany.

Haage & Schmidt, Erfurt, Germany.

SMILAX.

2¼-in. pots, $1.25 per 100; $10.00 per 1000. Potted April 15. Cash please. W. G. Kraber, Tremont St., New Bedford, Mass.
See Violets.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

100 smilax, $1.25. Cash. Washington Floral Gardens, Washington C. H., Ohio.
See Rose, Cyperus, Primrose.

Fresh Smilax Seed, $2.50 per lb.; 25 cts per oz. Send for trade list. Mrs. Theodosia B. Shepherd, Ventura, Cal.

Strong 2½-in. smilax, $2.00 per 100; $18.00 per 1000. Cash. J. N. Kidd, St. Joseph, Mo.
See Rose.

Smilax, 2-in., $1.00 per 100; $8.00 per 1000. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Smilax that is smilax. 2½-in. pots, $1.00 per 100; $8.00 per 1000. J. N. Champion & Co., 1076 Chapel St., New Haven, Conn.

Strong 2½-in. plants, bushy, $1.50 per 100.
B. Frank Barr, Lancaster, Pa.
See Roses.

Smilax from flats, 45c per 100; 2½-in. pots, $1.25 per 100.
Monroe Greenhouse, Monroe, Mich.

From flats, 50c per 100; 2-in. pots, $1.50 per 100. Cash with order.
F. Boerner, Cape May City, N. J.

Strong 2-in. smilax, $1.25 per 100; $10.00 per 1000. 3-in., ready to run, very strong, $3.00 per 100. C. Humfeld, Clay Center, Kan.

Strong seedlings from flats, 40c per 100, $3 per 1000. J. C. Schmidt, Bristol, Pa.
See Asters and Vegetables.

Smilax, $2.50 per 100.
McCrea & Cole, Battle Creek, Mich.
See Bouvardias and Ferns.

Smilax, strong 2-in., as fine as any you could wish, $1.50 per 100; $12.50 per 1000. Cash.
South Side Floral Co., Springfield, Ill.

Smilax from pots, $1.50 per 100; $15.00 per 1000. A. M. Herr, Lancaster, Pa.

Strong 2-in. smilax, from pots, $1.25 per 100.
Harry White, New Holland, Ind.

300 smilax from 3-in. pots, $2.00 per 100.
James Morton, Clarksville, Tenn.

Smilax from 2-in. pots, $1.25 per 100.
E. I. Rawlings, Quakertown, Pa.

2000 2½-in., strong and healthy.
Henry Behrens, Middletown, O.

Smilax, 3-in., strong, $2.50 per 100.
W. C. Rockwell, Bradford, Pa.

Smilax. A. S. MacBean, Lakewood, N. J.

VEGETABLE PLANTS.

Celery. Pink Plume (extra strong), Golden Self-blanching, Giant Pascal, Golden Heart, New Rose and other varieties, 15c per 100, $1.00 per 1000, $8.50 per 10,000.
Cabbage. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other varieties, 15c per 100, $1.00 per 1000, $8.50 per 10,000.
Kale. Dwarf Green Curled Scotch, same price as cabbage. If any of the above by mail add 15c per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

Fine, large plants ready to set out. Cabbage, five leading varieties, $1.00 per 1000. Brussels Sprouts, $1.00 per 1000. Cauliflower, H. Early Snowball, $1.50 per 1000. Peppers, Bullnose and other varieties, $1.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Asters and Smilax.

500,000 strong, stocky field-grown celery plants, in 6 varieties, that will give satisfaction. Extra selected stocky plants, $1.50 per 1000. Transplanted plants, $2.00 per 1000. Cash please. Wm. S. Herzog, Morris Plains, N. J.

Sweet potato plants. Southern Queen, Red and Yellow Yams, $1.00 per 1000. Cabbage plants. Premium Flat Dutch and large, late Drumhead, $1.00 per 1000.
James Morton, Clarksville, Tenn.

Celery plants. Strong transplanted White Plume and Giant Pascal plants, $2.00 per 1000; 25c per 100. Cash please.
R. Kilbourn, Clinton, N. Y.

Celery, tomato, cabbage, pepper, etc. Cheap in large lots. J. S. Linthicum, Woodwardville, A. A. Co., Md.

Celery Plants, only $1.00 per 1000. Cabbage and potted strawberry plants.
Slaymaker & Son, Dover, Del.

VERBENAS.

300 Lemon verbenas from 2½-in. pots; $2.00 per 100. James Morton, Clarksville, Tenn.

Lemon verbenas, 2-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 2¼-in., $3.00, 3-in., $5.00, 4-in., $10.00, 5-in., $15.00 per 100. Rooted cuttings, $1.25 per 100; $10.00 per 1000.
Greene & Underhill, Watertown, N. Y.

VIOLETS.

Marie Louise. For want of room we have for sale 3,000 extra strong and healthy plants, at $15.00 per 1000, and 2,000 at $10.00 per 1000; the latter are equally healthy, only smaller. All are well rooted and will be shipped with good balls of dirt. Cash with order.
Madsen & Christensen, Westport, Conn.

Marie Louise Violet Plants. Strong, clean, healthly and well-rooted, for immediate planting; grown in flats, $2.50 per 100; $20.00 per 1000. Cash with order. Emily S. Concklin, Amenia, Dutchess Co., N. Y.

Violets from pots, A1 stock, Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Ready for delivery on and after June 20th, Marie Louise violet plants, $20.00 per 1000. Clean, healthy stock.
L. R. Lane, Babylon, L. I., N. Y.

Farquhar, 2½-in. pots, $2.50 per 100. Cash please. W. G. Kraber, Tremont st., New Bedford, Mass.
See Smilax.

Healthy, well rooted Marie Louise violets from 2½-in. pots, $15.00 per 1000.
F. G. Lewis, Lockport, N. Y.

Farquhar, 2¼-in., $2.50, 3-in., $3.50 per 100.
Greene & Underhill, Watertown, N. Y.

Marie Louise violets.
A. S. MacBean, Lakewood, N. J.

MISCELLANEOUS PLANTS.

Clerodendron fragrans, $1.00 per 100. If by mail add 25c for postage.
Dickerson & Belden, Miami, Fla.

3,000 iresines, two colors, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

CANE STAKES.

Cane stakes, 3 to 4 ft. long, $1.75; 4 to 5 ft., $2.00; 5 to 6 ft., $2.75; 6 to 8 ft., $4.00 per 1000, F. O. B. here. C. S. Tait, Brunswick, Ga.

Cane plant stakes, $2.00 per 1000, cash with order. W. W. Hendrix, Bowling Green, Ky.

COLORED PLATES, ETC.

Colored plates, seed packets, engravings, etc.
Vredenburg & Co., Rochester, N. Y.

CUT FLOWER BOXES.

Star Florists' Boxes. EDWARDS & DOCKER, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

Chicago Folding Box Co., 134 W. Washington St., Chicago.

National Folding Box Co., New Haven, Ct.

The Dayton Paper Novelty Co., Dayton, O.

H. Schultz & Co., 117-123 Market st., Chicago.

DECORATIVE MATERIAL.

New crop fancy and dagger ferns ready for shipment. We guarantee to furnish strictly first-class stock. Write for special prices to the trade on ferns, sphagnum moss, Laurel, etc. For 50c I will send as sample 1000 assorted ferns, also sample of moss, etc. Address all letters and orders to H. J. Smith, Hinsdale, Mass.

New crop ferns, 50 cents per 1000. Send in your orders now. Laurel and pine festooning for wreaths. Crowl Fern Co., Millington, Mass.

DRAIN TILE.

Martin & Von Oven, Naperville, Ill.

John H. Jackson, Third Av., Albany, N. Y.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Send in your order now for a copy of the Florists' Manual.

FERTILIZERS.

Sheep manure in car lots, pulverized, $8.00 per ton; natural, $4.00 per ton. In sacks or barrels by the ton. Pulverized, $12.00; natural, $8.00, f. o. b.
E. C. Newbury, Mitchell, So. Dak.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton. Albert M. Herr, Lancaster, Pa.

Imperial Liquid Plant Food. Eastern Chemical Co., 620 Atlantic Av., Boston.

American Jadoo Co., 817 Fairmount Av., Philadelphia, Pa.

New York Fertilizer Co., 417 E. 76th St.

Florists' Delivery Wagons.

Hoffman Wagon Co., Cleveland, O.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Cefrey Letter Co., 446 Tremont St., Boston.

Boston Florist Letter Co., 84 Hawley St.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,
Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

GARDEN TOOLS.

Bateman Mfg. Co., Grenloch, N. J.

S. L. Allen & Co., Philadelphia, Pa.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

The Van Reyper Perfect Glaziers' Points. No rights or lefts. Price per box of 1000, 60 cts.; by mail, 75 cents.; in lots of 5000 by express 55 cts. per 1000. Henry A. Dreer, 714 Chestnut st., Philadelphia, Pa.

WILL STOP THE TROUBLE. Twemlow's Old English glazing putty; semi-liquid or plastic. Write Benj. Hammond, Fishkill-on-Hudson, N. Y.

Glass for greenhouses, conservatories and hotbeds. American glass. Pittsburgh Plate Glass Co., 12th & St. Charles st., St. Louis, Mo.

Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

"Greenhouse Putty" (trade mark) for Florists. T. H. Nevin Co., Allegheny, Pa.

Improved Greenhouse Glazing Points.
Chas. T. Siebert, Mfr., Pittsburg, Pa.

Mastica and Mastica glazing machines. F. O. Pierce Co., 170 Fulton st., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph st., Chicago.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

Buy your glass of the Reed Glass & Paint Co., 456 W. Broadway, New York.

All sizes of greenhouse glass. C. S. Weber & Co., 4 Desbrosses st., New York.

Glass for greenhouses. N. Cowen's Son, 392-394 W. Broadway, New York.

Greenhouse Glass. D. O. Cunningham Glass Co., Pittsburg, Pa.

Get our prices before buying.
S. Jacobs & Son, Metropolitan, N. Y.

French and American glass.
Holbrook Bros., 85-89 Beekman st., New York.

Wood Glass Co., 226 N. Salina st., Syracuse, N. Y.

GLASS—Continued.

Cohansey Glass Co., Witherspoon bldg., Phila.

W. Evans & Son., 252 S. Front st., Phila, Pa.

L. Harris & Son., 497 W. Broadway, N. Y.

HARDWOOD ASHES.

When in want of prime Hard-wood Ashes, write to Chas. W. Jacob & Allison, 66 Pine St., New York.

"The classified advs. are a great convenience," is the verdict of the buyers.

HOSE.

"Quick as Wink" hose coupling.
The W. J. Clark Co., Salem, Ohio.

Waterbury Rubber Co., 45 Warren St., New York.

The Gutta Percha and Rubber Mfg. Co., 35 Warren st., New York; 96 Lake st., Chicago.

Black Bear rubber hose is the best. The Black Bear Co., 80 Pine st., New York.

Penn Rubber Co., 608 Arch st., Phila., Pa.

Hose. J. G. & A. Esler, Saddle River, N. J.

Manufacturers' Rubber Co., 45 Vesey st., N.Y.

INSECTICIDES.

TOBACCO STEMS, the good, strong kind only, 60 cts. per 100 lbs.; bales 450 lbs.

TOBACCO DUST, the black stuff, 2 cts. per lb.; 50 to 1000 lbs.
H. A. Stoothoff,
116 West st., New York City.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

Cyclone Spray Pump. Cheap but good.
Stevens & Co., 107 Chambers St., New York.

Sulphur blowers. Edw. E. McMorran & Co., 15-21 N. Clinton St., Chicago.

Fostite for mildew and rust. C. H. Joosten, 85 Dey St., New York.

Lemon Oil Insecticide. Chas. C. Garrett & Co., 113 S. Gay St., Baltimore, Md.

Causperleptha. For rust, stem rot, etc.
C. H. Roney, Box 259, Jamestown, N. Y.

LABELS.

Benj. Chase, Jr., Derry, N. H.

Williams & Sons Co., Batavia, Ill.

Judson & Co., 12 Graves St., Rochester, N. Y.

Payton & Bennett, Springfield, O.

Penfield Block Co., Lockport, N. Y.

LAWN MOWERS.

Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

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CAST IRON GREENHOUSE PIPE in 9-foot lengths, and pipe fittings, valves, etc. GREENHOUSE BOILERS, conical, sectional and self-feeding.
THOS. W. WEATHERED'S SONS,
46 and 48 Marion St., NEW YORK.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Iron Pipe and Fittings for florists.
The Kelly & Jones Co., Pittsburg, Pa.

Henion & Hubbell, 61 N. Jefferson St., Chicago.

A. Morrison, 399 Lincoln Av., Chicago.

PLANT STANDS.

The Meyer Iron Plant Stand. M. Rice & Co., sole agents, 918 Filbert St., Philadelphia, Pa.

The Queen Adjustable Plant Stand. The Lincoln Co., 54-70 Arch St., Hartford, Conn.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price-lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red standard pots. Prices on request. Keller Bros., 213-223 Pearl st., Norristown, Pa.

Standard pots, fern pans, etc., Pittsburg Clay Mfg. Co., New Brighton, Pa.

Pots, hanging baskets, etc. A. Hupprich, 772-780 Michigan av., Detroit, Mich.

Flower pots. Missouri Pottery & Mfg. Co., 1216 W. 8th St., Kansas City, Mo.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Standard pots, lawn and hanging vases.
Ionia Pottery Co., Ionia, Mich.

John Mutting, 3675 Manchester Rd., W. St. Louis, Mo.

Wilmer Cope & Bro., Lincoln University, Pa.

C. Hennecke & Co., Milwaukee, Wis.

Busse-Heidecker Brick Co., Covington, Ky.

John Feustel, Fairport, Ia.

Jacobs & Landis, Colesburg, Ia.

Syracuse Pottery Co., Syracuse, N. Y.

PRINTING.

J. Horace McFarland Co., Harrisburg, Pa.

PUMPS.

Water every day in the year when Rider or Ericsson Hot Air Pumps are used. Nearly 25,000 sold during the past 25 years. Send to nearest office for Catalogue "J." Rider-Ericsson Engine Co., 17 Cortlandt St., New York; 239 Franklin St., Boston; 692 Craig St., Montreal, P. Q.; 88 Lake St., Chicago; 40 N. 7th St., Philadelphia; 22 A Pitt St., Sydney, N. S. W.; Teniente-Rey 71, Havana, Cuba.

RAFFIA.

When in want of Raffia, write to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

REFRIGERATORS.

Florists' Refrigerators and supplies. Send for illustrated catalogue. Orr & Lockett Hardware Co., 71-73 Randolph St., Chicago.

White Enamel Refr. Co., St. Paul, Minn.

Wilke Mfg. Co., Anderson, Ind.

SPHAGNUM MOSS.

We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
Z. K. Jewett & Co., Sparta, Wis.

L. B. Brague, Hinsdale, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

Philadelphia Florists' Wire Design Co., 807 N. 4th st., Philadelphia, Pa.

Emil Steffens, 335 E. 21st St., New York.

E. H. Hunt, 76-78 Wabash av., Chicago.

KANSAS CITY, MO.

Various Notes.

The vast multitudes who took possession of this city a week ago have returned to their respective states and we believe pleased with their reception here and well impressed with the hustle and enterprise of Kansas City. The hotels and restaurants are usually the places most benefited financially on such occasions, yet a few of the florists report good patronage from some of the wealthy visitors.

Samuel Murray, the Coates Hotel florist, rented out every palm he had in his establishment. Same with Arthur Newel, whose store is adjoining the Baltimore Hotel. The latter part of the week cut flowers were in great demand and good prices were realized.

The right location is everything with the florist. Miss Jennie Murray, under the Midland Hotel, sold out clean of all good stock. Miss Murray is one of the four lady florists here and has been very successful since she engaged in business three years ago; previous to that time she held a good position with the late firm of Probst Bros.

In a very small way, and with much difficulty in getting good stock, Miss Dalley opened a store on a side street ten years ago, but with good results. She now occupies a larger store on 11th street, which is considered the best location in town. Her windows are always made attractive with the choicest of material, grown expressly for her by Alfred Broman, of Independence, Mo. A beautiful residence recently built is ample proof of her prosperity.

Miss Fannie Pratt is now owner of the business originally established by the firm of Chick & Pratt; she has a monopoly, being the only florist on Main street, and judging by the amount of stock disposed of, trade with her is increasing.

Mrs. Edgar, on 12th street, is new in the business and says one needs lots of pluck and patience to become a successful florist. An insufficient supply of stock around here is a great disadvantage to all beginners.

D. Friedenthal, who owns a stand in the Union depot, is an old resident here and predicts a great future for

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS

Kansas City. He finds use for all his surplus stock with the Pullman Car Co., having a contract with them to decorate a certain number of cars daily. H. J. M.

SAN FRANCISCO.

The Market.

Business remains quiet as usual and we are now having a hot spell of weather. Roses are a poor investment for the retailer on account of the heat. Carnations are the better keepers and retailers are keeping on hand a larger supply of them. A few gardenias were seen in the market this week. Sweet peas are plentiful and of fair quality.

Prices: American Beauties, 75 cents to $1.50; Brides, Maids and Testouts, 25 to 50 cents; Kaiserins, 25 to 35 cents; Meteors, 15 to 25 cents; Brunners, 10 cents per dozen. Carnations, Hobart $1, Crocker 75 cents, Scott 15 to 20 cents, Bradt and Gold Nugget, 25 cents, Hill 20 cents, Portia 20 cents per dozen. Lilium auratum, $1.50 to $2; tuberoses, 75 cents; gardenias, 25 cents per dozen; stephanotis, 25 cents per spray; smilax, 8 cents per string; asparagus, 25 cents per string; sweet peas, 35 to 50 cents per dozen.

Notes.

Goldstone Bros. have gone out of business.

Mr. T. Franks, North Temescal, Cal., has gone to Cape Nome to raise gold and "whiskers." He has left his nursery in charge of his mother during his absence. We hope our friend will have more gold than whiskers upon his return to town.

Mr. J. W. Shannahan, Powell street, has gone to Santa Cruz mountains to enjoy a few days of much needed rest.

J. N.

A GLASS ADV.

The Florists' Supply Co. write us: "We intended to run the glass adv. only once. We could have sold enough glass from the first adv. to start up a factory, and now we have to answer letters all day. Kindly explain matters in your next issue. Simply state that we are sold out."

CANADIAN HORT. SOCIETY.

The third annual convention of the Canadian Horticultural Society will be held in Montreal August 16 and 17. The program will be issued about July 1. Full details may be had by addressing A. H. Ewing, secretary, Berlin, Ont.

GALESBURG, ILL.—I. L. Pillsbury has torn down his greenhouses at Macomb and will rebuild them here. Will put up two 100-foot houses, one for roses and one for carnations. The business at Macomb will be discontinued.

CATALOGUES RECEIVED.

E. H. Krelage & Son, Haarlem, Holland, wholesale bulb list for 1900; R. Vincent, Jr., & Son, celery and cabbage plants; Alexander Seed Co., Augusta, Ga., summer and fall catalogue of flower and vegetable seeds; Slaymaker & Son, Dover, Del., celery and potted strawberry plants; Johnson & Stokes, Philadelphia, Pa., everything for the lawn; Harry White, New Holland, Ind., fruit and vegetable plants; Frank Banning, Kinsman, O., catalogue of gladioli; Lager & Hurrell, Summit, N. J., price list of orchids; Suzuki & Iida, 11 Barclay street, New York, Japanese bulbs, seeds and plants; Wm. Elliott & Sons, 54-56 Dey street, New York, trade list of best quality of bulbs for forcing; Ellwanger & Barry, Rochester, N. Y., catalogue of pot-grown strawberries for summer planting.

JADOO.

In reporting some experiments with Jadoo, Mr. Percy R. King, New Brighton, N. Y. says: "We planted calla lily bulbs, some in pure fibre, some in half fibre and half earth, and others in the usual mixture used in greenhouses. The result was that the one planted in pure fibre produced seven blooms, as against five for the half mixture and three for the ordinary soil. I used both mixtures on many other plants, and the result has been extremely satisfactory."

SANDUSKY, O.—John C. Gooding, Jr., has filed a voluntary petition in bankruptcy in the United States district court. He schedules his liabilities at $2,335.66, and says that he has property worth $6,355, including a stock worth $5,000.

ELKHART, IND.—R. Hoffmann has sold his establishment to H. Hills, of Baraboo, Wis., who has arrived and has taken charge. Mr. Hoffmann and his family will visit relatives in Germany and will later settle in Cleveland, where he formerly lived.

MASTICA—FOR GLAZING Greenhouses.

Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. Send for descriptive circular of **Mastica and Mastica Glazing Machines.**

F. O. PIERCE CO. Sole Manufacturers, 170 Fulton St, **New York.**

Mention The Review when you write.

The Florists' Manual

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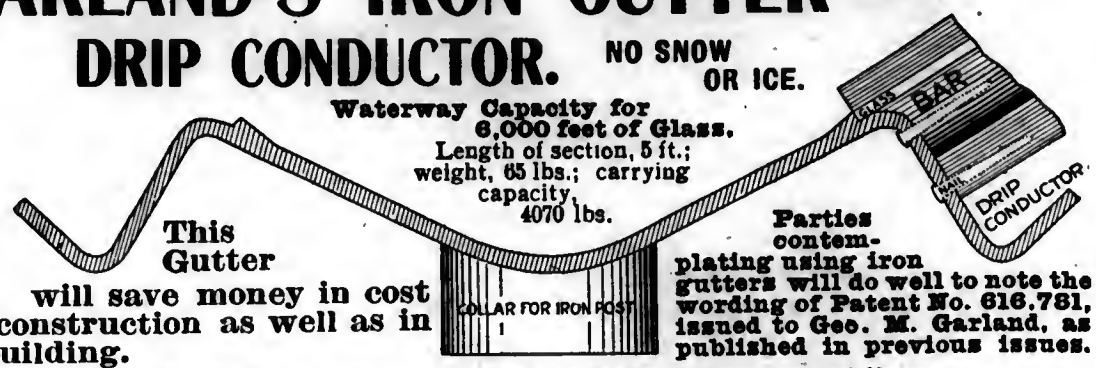
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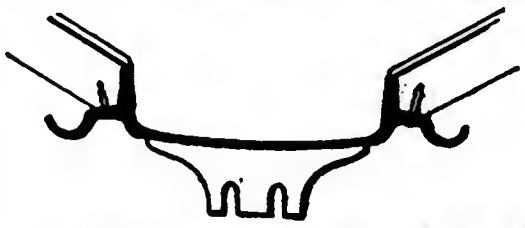
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Cupid once gave the rose to Hippocrates as a bribe not to reveal the loves of Venus; as a result it became a symbol of silence, and the rose decorations in many dining halls are a relic of this idea. The early popes often placed consecrated roses over the confessional to denote secrecy, while the Chinese not only use it in this sense, but also as an emblem of immortality.

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OCEANIC, N. J.

Hon. C. N. Bliss (N. Butterbach, gardener) is building a new palm house, one intermediate, one carnation, one rose, one violet, one fern and one propagating house, also a fireproof workroom and office. Lord & Burnham Co. have the contract. B.

NE, WASH.—At the recent rose fair a striking design was a flag of red and white roses, the blue field being made of cornflowers.

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VIA THE WABASH.

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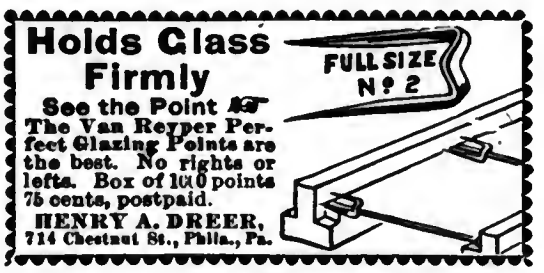
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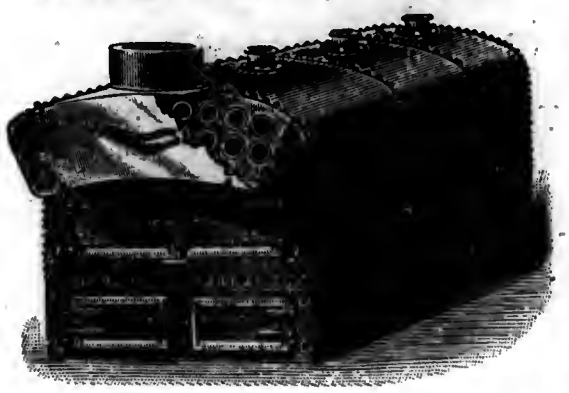
Roses are said to be a sure preventive of drunkeness, hence the bibulous Romans wound garlands about their heads to keep the swelling down. At such banquets the rose was hung above the table as a sign that stories told there should not be repeated; hence the expression "sub rosa," signifying secrecy.

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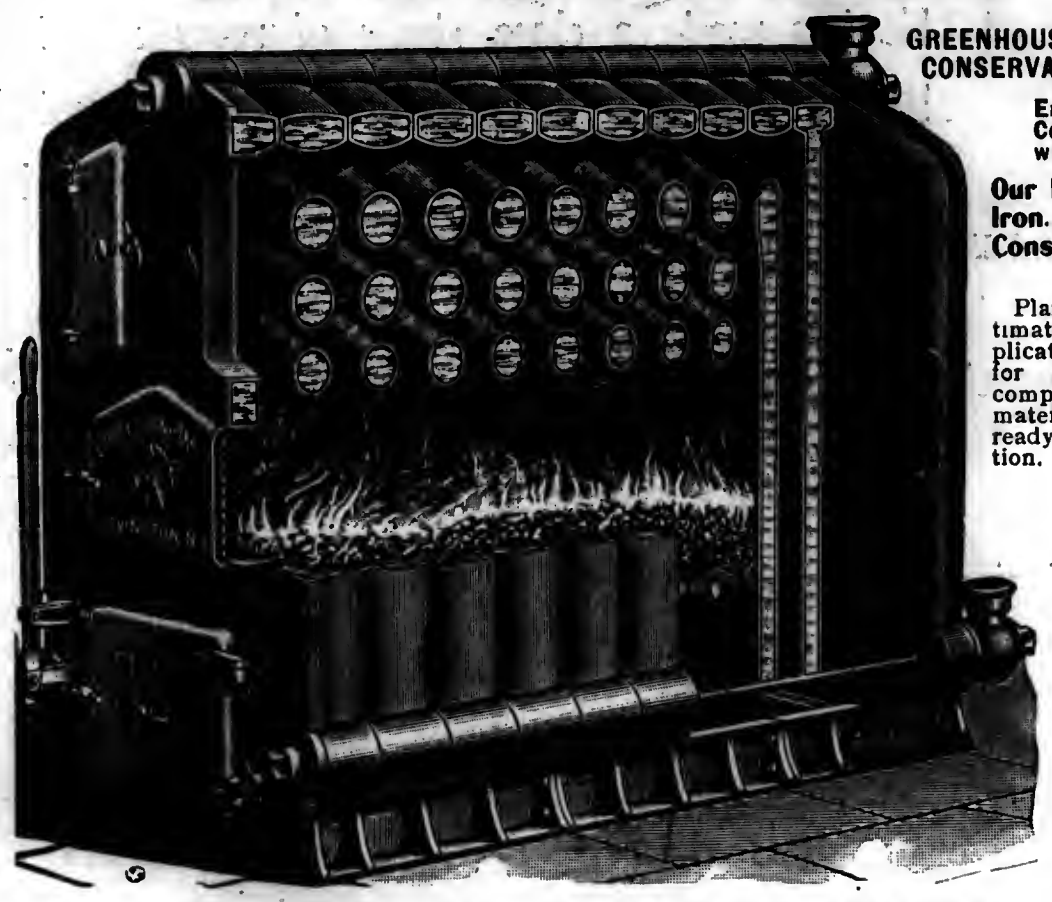
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Whose head is turned by the sun;
The tulip is a courtly queen,
Whom, therefore, I will shun;
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The violet is a nun;
But I will woo the dainty rose,
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In too much haste to wed,
And clasps her rings on every hand;
The wolfsbane I should dread;
Nor will I dreary rose marye,
That always mourns the dead;
But I will woo the dainty rose,
With her cheeks of tender red.

The lily is all in white, like a saint,
And so is no mate for me;
And the dalsy's cheek is tipped with a blush,
She is of such low degree;
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But I will plight with the dainty rose,
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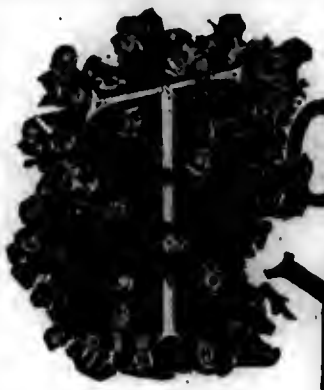
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It requires more tact than flowers to meet the small and spasmodic demands of summer trade in the average florist store. When very little is coming in it is necessary to practice strict economy, and yet it is never wise to be without a few fresh flowers; and you know the people do not and will not understand seasons in flowers, but expect to see the finest of everything every day in the year. The retail florist dare not too often tell any of his customers he hasn't got what they ask for or that such a thing is not to be had, for if he does they are inclined to doubt his business ability, and it quite frequently occurs that they try some one else and often transfer their regular trade there. Those are the chances in what is usually classed as transient trade.

If you are located near hotels or a depot your chances are good to capture many a permanent customer, but this never can be done unless you please, and the most important manner of giving satisfaction is to have even a small selection of choice, fresh flowers continually and sell them reasonable. Many florists imagine it unnecessary to put any flowers in their window during several weeks of midsummer. Perhaps they would not sell an extra flower if they did so; however, this class are very few, for no matter where you are located, so long as you have a florist store or sign, the people expect to see flowers and plants in your window, and to see is often to buy, or at least it creates a wish.

If you grow a portion of your own stock it naturally occurs that you try to work off that stock on your customer, and if you do this so persistently and with a determination that ignores either appropriateness or the desires of the party, it often occurs that they are as persistent as you are and refuse to take what you wish them to unless there is nothing else for them to do. We would not like it to be inferred from what we write that it is possible or at all necessary to keep everything on hand and be always able to give the people what they ask for, which is not always what they want, but by judicious selection when purchasing your stock, and once in a while exerting yourself to get something out of the common run, you are liable to create the impression that you have all that is desirable.

Variety.

You know for a long time past the market has been confined to a very limited variety of flowers. These are often inadequate to the requirements of the business; the excuse the growers offer is that retailers will not buy or fail to appreciate many of the novelties they offer. The fault lies on both sides. A new thing is usually propagated until its vitality is almost exhausted; it is no good to the cut flower market till after the first, in many cases the second, year. Of course if stock is not perfect, or at least good, the retailer would be foolish to buy it. The grower does not look at it in this light; he condemns the thing because it does not pay right off, and throws it out. Another method is the "follow the leader" way of doing things. My neighbors plant a house of Bridesmaids or some other kind; I do the same, for it must be good if he does it. The consequence is that almost everything coming in the market is off the same tree, so to speak; the only variance lies in quality.

But there is another side, and the retailer is to blame. He buys 25 Bon Silenes or Cochets to-day; he doesn't sell them; he buys no more, thinking they are not wanted by the public; he shuts his eyes to the fact that variety is important, that even if a flower be poor it is valuable in emphasizing the quality of others, and then again in box or design work it is in most cases absolutely necessary to use variety.

What to Grow.

We are often asked the question, "What would it pay to grow?" and we answer, Almost anything, if you can grow it better than any one else; if you cannot, then keep out or resign yourself to a life of drudgery and discontent with life and the world in general. There is nothing like the flower or plant growing trade to take the conceit out of one, for if you have not material and ability, down the ladder of disappointment you go quickly, yes, hurriedly, and there is no escape. To the young man intending to go into the growing branch of the trade there are two great roads to choose from.

If your wish is to build up a local trade, select some manufacturing town or a popular resort; if your capital and experience is limited, you will be safer traveling such a road, for a local trade is easier satisfied than the strictly business market. But if you have ambition to make a name and desire to hob nob with the best of everything, first make sure you are a specialist on some popular line of goods, then try to get as near a big city as you can and grow stock better than the ordinary, at least, if you cannot beat all.

We happen to know growers—and no doubt you all do, for they are plentiful enough—who consider their stock tip top and begrudge it to the retailer at a fair price. There will always be differences of opinion as to prices, but reason is a good balancer of the scales, and a vital point in any man's career is popularity. There never was any stock too good for the people, and there never was any one too tall to bend or too powerful to ignore even the smallest customers.

Summer Roses.

The present is the most trying time to give satisfaction in quality of roses, for very few make a specialty of growing roses for the erratic summer trade, nor would it be wise for many to do so, yet more could be grown of several kinds and at fairly good profits. Years ago better summer roses were obtainable in the New York market. The men who made a specialty of them got from their sale sufficient to build large establishments, but the cultivation of palms and Easter stock became too alluring and roses were dropped; to-day there are but two or three growers who specialize on summer roses; one of them makes a splendid success of Ulrich Brunner, which he grows to perfection in thousands, right up to August. They are for a month or six weeks the best roses on the market, and in consequence he gets a good price for them. This grower is indeed a blessing to New York, for he alone relieves the severe monotony of things, and enables many a retailer to make a dollar, give satisfaction to his customer, and cause unbounded pleasure in many ways and in numerous hearts.

Another grower has fine Beauties, La France and Victorias coming in, and the top grades are eagerly bought up. Kaiserin Augusta Victoria is by far the best white rose at present on the New York market. It is the best shipper and the longest stemmed and sweetest flower. Of course it is very delicate and is easily spoiled, but flowers were never intended for rough handling, and care and the utmost delicacy should be used in the unpacking or putting away of any flower you may need. We know of very few more sickening sights than to visit some wholesale stores when stock is just arriving and watch the horde of dirty peddlers maul and squeeze the finest of flowers; it's enough to make a sensitive person swear.

We cannot blame these ignorant people altogether; it is mostly the wholesaler's fault; there is no dividing line between respectable and disreputable customers, so long as there

is the possibility of the dollar glittering. Of course no one can be blamed for clearing out perishable stock at a remunerative price to any comer, but street peddlers have a habit of making all the stock in a place look as cheap as possible, and they are not very particular how they do it if they are allowed their way; a bruise can easily be put on any flower, but never taken off.

The Retailer at the Convention.

A prominent Broadway florist whom we met last week asked us if the retailers were going to make a display at the exhibition to be held in connection with the coming florists' convention. We told him we didn't think they were, because so far there was no provision made for such a display. In the first place, there are very few retailers proper who are members of the New York Florists' Club. There is no committee of retailers. The chairman of the hall decoration committee is a wholesaler, who cannot be expected to represent the artistic ability of the New York florist. There is neither certificate nor medal offered for competition among retailers, so at present it looks as if visitors must be satisfied with heaps of plants and general supplies.

There is no mistaking the fact that a great majority of those coming here next month would prefer to see work put up by the retailers, for that is always the most instructive part of an exhibition. Not seeing it at the show, there is no doubt the stores will be visited in an endeavor to see what is the latest, but here again nothing but disappointment will be met with, for a New York florist's store in August is at its very worst, and there will be no effort made to make them appear otherwise. It was hoped by many that such as table decorations would be made a feature one day, funeral designs another, and that other forms of important branches would be shown the other, in order that many would gain knowledge or see what New York styles were; but no, for some reason or other the retailers here do not take any interest in such matters—many of them tell us for the reason that their efforts are always sneered at by the officers and members of the club.

They themselves know best. We regret a recital of the facts are painful enough. Yet we cannot help but laugh at the inconsistencies we hear, and quite frequently, too. There is not a grower or wholesaler who cares to fall out with, say, any of the prominent retailers, and yet at a club meeting it is common to hear adverse criticisms passed. The easiest way out of the difficulty is often best, and we are sure it would require very little to induce these men to make a creditable display. The retailer should not be classed with a grower at an exhibition; the latter generally shows to advertise his goods, the former to show his ability. One, as the things of to-day go, is held more valuable than the other.

It should be remembered that all branches of the trade depend on the retailer. The man who finds an outlet for your products is a man to cater to, not he to you, because it isn't necessary; and again, in the matter of shows, whatever a retailer makes up in design work is rendered useless; what a grower shows can be used again. One is most often a total loss; the other is usually sold. The expense in both cases should be fairly recognized.

We wonder how things would be if the retailers organized a club, if only for the purpose of holding an exhibition. It will be readily admitted that no other element in a city would attempt a rival show, and the very fact that all sections could be brought together in such a way makes it all the more puzzling why something is not done; but there is seldom any good got from quarreling, yet much less from supine indifference—good feeling among all is the most desirable.

If in your show schedules you have not made any provision for artistic ability, do so, and at the same time make provisions that merit shall not be measured by ignorance.

IVERA.

THE PHIPPS CONSERVATORIES.

Schenley Park, Pittsburgh, Pa.

These conservatories are the greenhouse department of the public parks of the city of Pittsburgh, and were erected and donated to that city by Mr. Henry Phipps, one of its most esteemed and wealthy gentlemen. The first or main block of buildings was built in 1893 at a cost of $110,000, and an additional range, costing $30,000, was added four years later. Besides these handsome and spacious structures there is an adjoining village of growing and propagating houses erected five years ago by the city at a cost of $32,000.

The conservatories are most substantially built, with heavy stone foundations and walls, the roofs are curvilinear and iron framed with cypress bars; benches are of iron and slate, and the floors concrete, and there is hot and cold water in every compartment. They are heated by steam from four 50-horse power boilers for the conservatories and two 50-horse power boilers for the propagating houses. The fuel used is natural gas. The gas costs 15 cents a thousand feet, and the fuel bill for the year amounts to between $4,500 and $4,800.

The palm house—the large central compartment—is 131 feet long, 61 feet wide and 60 feet in height to the ridge. Everything is planted out in undulating beds and borders; there are no benches in it and no plants in pots. To the right and left are curtains 104 feet long, 30 feet wide and 20 feet in height; these are filled with miscellaneous seasonable plants in pots. At the end of the left-hand curtain is the Victoria Regia house, 53 feet long, 52 feet wide and 34 feet high in center. The whole central portion of the house is a concrete water basin for the accommodation of the royal water lily. To the right and left of this house are compartments, each 84½ feet long, 36 feet wide and 20 feet high, devoted to tropical aquatics and other plants.

A similar building to the Victoria house, at the end of the right curtain from the palm house, is occupied by Australian tree ferns, planted out in natural style. On its right hand is a spacious compartment now filled with Brazilian caladiums; in the left one of corresponding size devoted to nepenthes and the better tropical fine-foliaged plants.

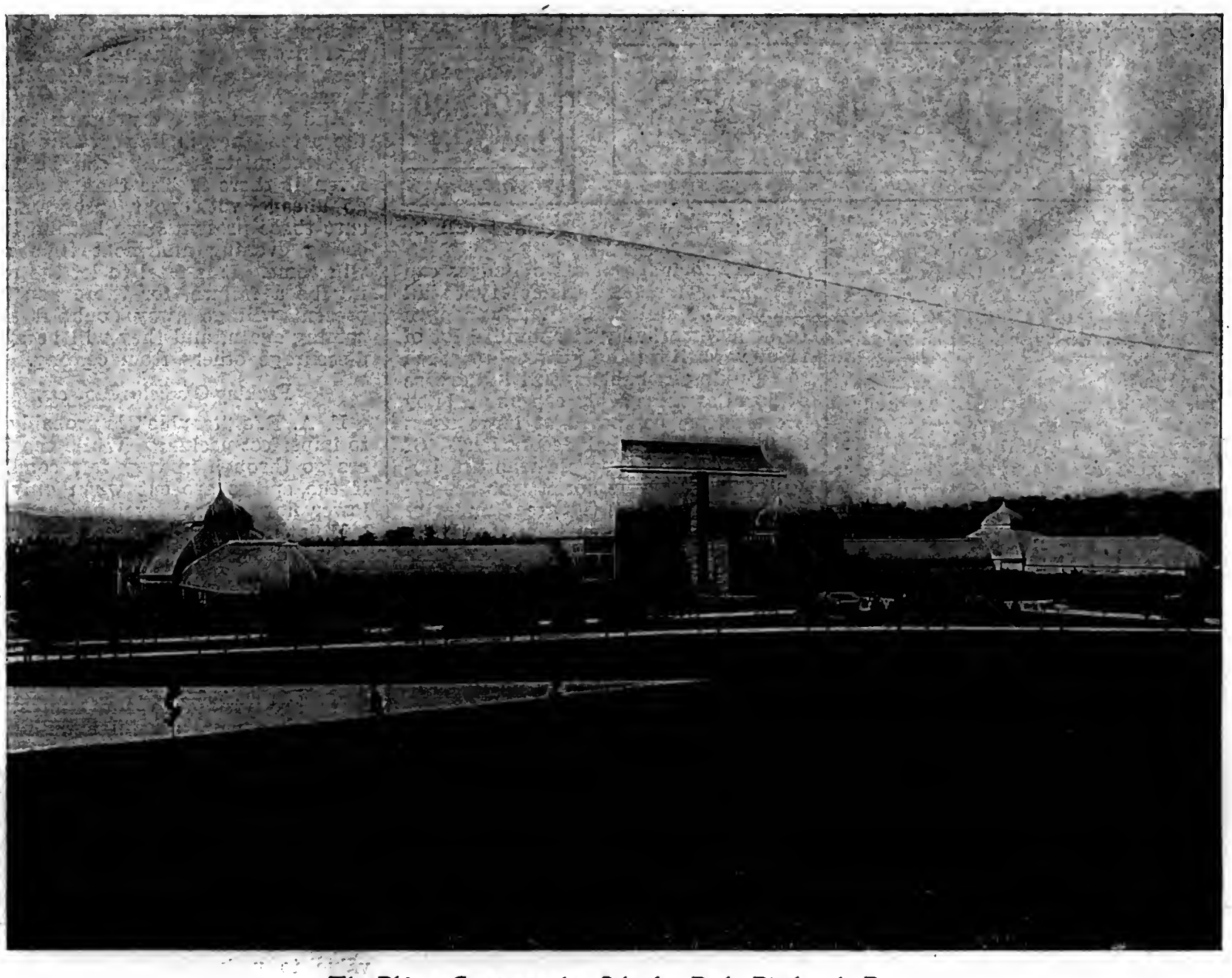
The newer addition is known as the economic house, because in it are gathered together a large assortment of these useful subjects. Its full length is 238 feet. Its central portion is 90 feet long, 58 feet wide and 35½ feet high. Each of the side wings is 90 feet long, 36 feet wide and 18½ feet in height. The whole is one open room; there are no divisions whatever in it.

The Phipps Conservatories are maintained by the city of Pittsburgh as a part of its park system, and are filled with all manner of choice and showy plants, and special exhibitions of flowers, as at Easter and chrysanthemum time, are gotten up in them. They are free and open to the people every day in the year, Sundays and holidays included, from 7 a. m. till 6 p. m., and on application to the superintendent or foreman, horticulturists who cannot readily visit them in the day time can have access to them any time—day or night.

The people of Pittsburgh are very proud of these conservatories and there is no institution in the city more appreciated by them than these are. On the occasion of big flower shows—Sundays are the biggest days—over 30,000 visitors pass through the conservatories in a day! To some this number may not seem extraordinary, but it is by actual count, and it means one continual jam all day long, everybody going one way; and thousands upon thousands visit the conservatories on these special days who do not enter because they do not care to stand in a jam so long to get admittance. Every traction company in the city advertises the show and every steam railway entering the city runs excursions from many miles out to see the show.

Although the Pittsburgh parks are well policed, no policeman is allowed inside of any of the conservatories; the people are put upon their honor, and their conduct is excellent. No flowers or plants are ever broken or stolen.

The grounds in front of the conser-



The Phipps Conservatories, Schenley Park, Pittsburgh, Pa.

[Erected by Lord & Burnham Co., New York.]

vatories are now and always have been gayly decorated with summer flower beds, but a violent change is about to take place; the whole front is going to be regraded, then relaid out and replanted. The work is now being advertised for public contract.

So thoroughly pleased is Mr. Phipps with the way and manner in which his princely gift is handled and the people enjoy and appreciate it, that he has again plunged his hand into his pocket and given $20,000 to build a botanical school house in connection with the conservatories. Plans are being gotten up for this building by Rutan and Russell, the architects. Nature studies are now being taught in all the public schools and botany is one of the leading studies (biology) in the first year or D classes of the high schools. As the school season is mostly in winter, when the outdoor vegetation is practically dormant, material for botanical study has for some years been furnished from the conservatories, and the teachers bring their classes out to the conservatories where the pupils can study the living plants. With the new school room adjoining the conservatories and furnished in the most approved manner and supplied with every modern equipment, and free access to all needed materials from the park and conservatories, together with the free use of a section of the propagating houses for experimental work by the students, the schools of Pittsburgh will have botanical facilities unequalled anywhere else in America. But the use of this building will not be restricted to the public schools; all people interested in botany and kindred subjects may also share its benefits.

Would that every city in America had a Henry Phipps! G.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Arthur Griffin, Newport, R. I., registers the following hybrid melons; "Griffin's Hybrid," a cross between "Blenheim Orange" and "Emerald Gem." Scarlet flesh; exterior cream color, smooth, slightly ribbed. Average weight, 4 pounds. "Sea Verge," a cross between "Scarlet Invincible" and "Triumph." Scarlet flesh; exterior, light green, oval, smooth, finely netted. Average weight, 5 pounds.

M. H. Walsh, Woods Holl, Mass., registers new Rambler rose, "Sweetheart," a cross between "Wichuraiana" and "Bridesmaid;" flowers double, 2½ inches in diameter, borne in profuse clusters. The buds are a beautiful pink, the expanded flowers white, very fragrant and perfectly hardy.

WM. J. STEWART, Secretary.

CLEVELAND.

Samuel N. Pentecost, the florist of this city, was married at Youngsville, Pa., July 3d, the bride being Miss Emma Davis, of that place.

Mr. and Mrs. Pentecost left on an afternoon train for Montreal, via Niagara Falls and the Thousand Islands, from which point they sailed on July 7 for Liverpool. They expect to visit London, Paris and other points of interest. They will be at home after October 10 at No. 1676 Lamont street.

TROUBLES

Conducted by LEONARD LAWTON

Credits.

In regard to the giving of credit by the retailer, S. M. says: "If a stranger wishes to give us an order and does not voluntarily offer either a deposit or references, we take the order, giving the customer as much attention as though his or her credit was assured, but before delivering or incurring any expense in any way we take steps to ascertain whether we are reasonably sure of our pay. If the order is given with a very free hand and not much regard paid to prices, we are more cautious than if prices are carefully considered.

"If delivery is to be made to a hotel we call upon the clerk and see if he knows anything about the party. If he has no definite information, you had better make sure of your money by getting it in advance. If the parties are keeping house we visit the grocery stores in the neighborhood, and unless the groceryman is able to give a thoroughly good report we ask for cash in advance, or at least a liberal deposit. Because parties are stopping at an expensive hotel or living in a fine house on a swell avenue it is no sign they are worthy of credit. In fact, the most of the florist's bad bills are made in such localities.

"We use the telephone directory as something of a guide. If the order comes from a lady whose husband's name appears in the directory as an official of some concern of good standing, it gives us confidence. A man with a good position has something to lose and is apt to be on deck when the bill is due. And any business man who does not now have a telephone is apt to be very small fry.

"Of course, we are influenced a good deal by the general appearance of customers. And it is comparatively rare that a perfect stranger will endeavor to place an order without voluntarily offering references. It is part of the retail florist's business to know a good deal about all people who are apt to become his patrons, and he should keep up to date in this department. He should get to know all prominent people by sight, and to address them by name in case they visit his store. It pleases them to know that they need no introduction and at once induces better relations."

Exhibition Judges.

M. C. says there is trouble every year over the awards at the annual exhibition in his city, especially as regards the floral designs, and wishes to know how this "trouble" can be avoided.

While no judge or set of judges can ever make awards satisfactory to all competitors unless the latter happen to be a remarkably fair minded lot of men, we believe the nearest approach to an unimpeachable award in the case of floral arrangements can be made by a committee composed of large users of flowers and floral decorations. Of course there are people who are liberal patrons of the florist who are deficient in taste, but the great majority are in a better position to judge fairly than one in the trade, and personal preferences for certain flowers and effects, etc., can be minimized by having a large committee.

This plan has been in force in Chicago for ten years or more, and while some of the awards have not exactly met the views of the writer, the average has been good, and there has certainly been less criticism of the awards than before the plan was followed.

The first committee was selected in this way: Each intending competitor submitted a list of 12 names of customers whom he considered most capable to act as judges. These were combined together, and those who appeared most frequently in the several lists were selected. One lady's name appeared in seven of the eight lists submitted, and the others selected appeared in at least two of the lists. But a drawback to this method developed later. It seems that there are people who are equally good judges of flowers but who do not work well together because they belong to different social cliques. So later on the lady who was so unanimously chosen was asked to select her associates, and this she has done year after year, including representatives of each of the society divisions in different years, she happening to be one of those fortunate people who are universally popular with all.

Club Meetings.

J. J. B. asks: "How can we increase the attendance at the meetings of our Florists' Club? This is an important question, as no doubt every florists' club has the same trouble."

The only way to increase the attendance is to make the meetings more interesting. But how to make them more interesting is of course the main question. It lies with the members themselves. There is not one that could not contribute something really useful and interesting.

Why not take the membership list and ask for something toward the program from every member, several for each meeting, until the list is exhausted?

And never defer a program because the attendance is light. This is the greatest mistake that can be made. Even if there is less than a quorum, go ahead with your program. Be sure those present have had an interesting evening and next time more will come. It is fatal to let the meeting be a failure, for those you have present will go away doubtful about coming again, and they will be apt to discourage others from coming.

Packing Gladiolus Flowers.

F. A. R.'s "trouble" is probably due to imperfect packing. While the flowers go through in very fair condition if the spikes are cut when only the lower flowers are developed and then laid flat in cases in a layer only a few inches deep, a better way is to tie them in bunches with some damp sphagnum around the end of each, and the bunches placed upright in a case of sufficient height, each row being cleated in position and slats tacked over the top. The fact that the contents are visible to the expressman will insure more careful handling, an important point.

If placed flat in a closed case, make very sure that the flower spikes cannot move in the box when it is thrown about, as it is sure to be while in transit, as otherwise damage is sure to result.

Shipping Troubles.

For obvious reasons it is of no value to make complaints to us regarding the business methods of firms who are not advertisers in the Review. We can take care of our own house but not that of another. But you can say a good word for any one, whether an advertiser in the Review or not. The several correspondents who sent complaints are reminded that our invitation was to report the names of those they had found could be depended upon for good stock.

A Good Report.

Connecticut writes: "The several shipments of young plants I have received from J. L. Dillon, Bloomsburg, Pa., have been very satisfactory and a lot of verbenas he sent me was the finest lot I have ever seen."

The Tomato Fly.

J. H. W. notes Mr. Totty's reply in regard to tomatoes in a former issue and wishes us to ask him if he knows of any remedy for the white butterfly, or any suggestions to make.

Mr. Totty answers as follows: "The white butterfly has never troubled our tomatoes. But it is a pest in the chrysanthemum houses, and the only way to get rid of it, so far as I know, is to kill all you find in the houses

and keep a sharp lookout for the eggs, which should be destroyed before they hatch out the caterpillars.

"Can it be that your correspondent is referring to the 'tomato fly,' as it is commonly called, a small white insect that breeds by the million on plants when they begin to get a little past their best? They will rise in a cloud when the vine is shaken. Fumigation (light, of course) followed up every night, will in time get the upper hand, but this insect merely laughs at you if you fumigate once a week, or so. It is the only insect, as far as I know, that troubles the tomato under glass."

MISCELLANEOUS SEASONABLE HINTS.

Mignonette.

If you grow mignonette and want it for Xmas it must be sown now. There is nothing better than a solid bed to grow it to perfection, but six inches of soil on a bench will grow it very well. The cooler the house the larger and stouter the spikes, but too cool it will not be profitable. Light is the great essential. It is no good trying it in a dark house; 40 to 45 degrees is about the right night temperature. It makes the best spikes in a strong, rather heavy loam, with a fourth of cow manure and the soil pressed firmly.

Mignonette transplants with some difficulty. So sow it on the benches. We put a pinch of seed in one foot apart and when slugs and green worms have had their fill you will have two or three young plants left. Select the strongest and pull up the rest. One plant to a foot is quite as near as you can grow good spikes, and some of the large growers have them 18 inches apart.

Last Easter we had very fine pots of mignonette. They were too fine; that is, they were in too large a pot, which we could not help because they were becoming exhausted and had to have a shift. They were sown too early for Easter. We also had a few for Xmas that sold well. Now is the time to sow them for the holidays, and middle of September for Easter. They should need no shifting, but should be sown in the same pot in which they are to flower. A 5-inch is the ideal size, something that you can sell and be profitable at 75 cents a pot.

Make the soil firm, quite firm, and rich. Sow enough seed so that you can thin out to three plants an equal distance apart. This makes a bushy plant. You do not get large spikes on these pots, nor do you want them, but you get a dozen medium spikes. At 50 cents to one dollar you can sell lots of mignonette in pots; when they are in 7-inch pots and 18 inches across they are not profitable at less than $2.00, and then our customers would sooner have a showy plant.

Allen's Defiance mignonette came out a few years ago with a big name. If I remember aright you got 7½ seeds for one dollar and only one seed grew. Now it can be bought at a reasonable price and will mostly all grow. It is a splendid variety. It is one to force for cutting. I saw a long bed of it at Mr. Dunlop's, Toronto, last winter that was a sight. Grow "Allen's Defiance."

Pansies.

If you grow pansies in the field it is time to prepare the beds. If you winter them in a cold-frame, the middle of August will do. Field grown pansies often get a terrible freeze and are so late in blooming that the season for the florist is over before they arrive.

If you grow any on the benches for winter blooming they should be sown end of this month. Pansies are curious things to get to bloom in the dark days of winter. In the dark, sunless days they will not respond to our care with their matchless blooms as do their cousins, the Viola odorata. They won't do in a violet house; it is too cool. They want the lightest and brightest bench, every ray of sun that blesses us, and not below 45 degrees at night, and as much as you like in the day time if it is sun heat.

I would not dare to give you the name of the man who sells the best strain of pansy, because I know so many men who have "absolutely the finest pansy in the world." I do know that around Boston they always have magnificent pansies. Don't sow pansies under a tree or behind a house or barn. Sow them where they will have the full sun, but shade them with a whitewashed sash until they are well up.

WM. SCOTT.

OBITUARY.

Harry Dale.

Harry Dale of Brampton, Ont., died last Sunday night at 12 o'clock, of blood poisoning. The funeral was held Tuesday at 12:30 p. m. We append a note received from Mr. William Scott of Buffalo, a lifelong friend of Mr. Dale.

We have within two hours received by telegram the sad news of the death of Harry Dale of Brampton, Ont. It seems scarcely possible that this worthy man can be gone. It is sudden to us, for we had no intimation of his illness. Who will take care of that mammoth place?

The name of Harry Dale and the fame of his great rose growing place was widely known, but he was too modest and retiring a man to be known personally as widely as are many less worthy men. From one or two small houses, and those devoted to vegetables not more than 15 years ago, has grown at Brampton one of the largest cut flower establishments on this continent. Some houses either in course of construction or finished this summer are 800 feet long, but those who know the place better than we do can write of that.

Personally we knew, admired, and respected Harry Dale. He had all the attributes to make him an honest, conscientious and lovable man. His place speaks for his ability. Anxious to show you everything about the place at all times, ready to impart any knowledge he possessed and thankful to receive a hint. A listener and not a talker, modesty was his failing, if such it be. Harry Dale will be sorely missed at his home, by his town, and the florist world at large.

COLUMBUS, O.

Mr. Underwood, the old veteran florist of this city for many years, has been appointed florist and superintendent of the Franklin Park.

Mr. Luke, of the O. S. H., spent his vacation visiting the florists of St. Louis, and Mr. Ludwig, of the Livingston Seed Co., put in his vacation at Cleveland and Cincinnati.

Miss Charles visited Mr. and Mrs. J. B. Heiss, of Dayton, O., last week.

Mr. Emil Metzmeir left, on July 1st, for Europe.

G.

NORTH ADAMS, MASS.

A. J. Schmutz, of this city, and Miss Catherine Turnbull, of Pittsfield, were married June 28th. They enjoyed a wedding trip for two weeks in visiting the former home of Mr. Schmutz, at Flatbush, Long Island.

M. S. Worden, the well known florist, passed away July 14, after a lingering illness of many months, aged 43 years. He is survived by a widow, who has the sympathy of a large circle of friends.

D.

BATAVIA, ILL.—Mr. E. Fryer, formerly of Brooklyn, N. Y., has leased the greenhouses lately conducted by Chas. Handel.

THE SIXTEENTH

ANNUAL MEETING AND EXHIBITION OF THE

SOCIETY OF AMERICAN FLORISTS

Will be held at the

GRAND CENTRAL PALACE, NEW YORK CITY,

August 21, 22, 23 and 24, 1900.

OFFICERS:

President, EDMUND M. WOOD, Natick, Mass.
Vice-President, F. R. PIERSON, Tarrytown, N. Y.
Secretary, WM. J. STEWART, 67 Bromfield St., Boston, Mass.
Treasurer, H. B. BEATTY, Oil City, Pa.

Dues may be remitted to the secretary prior to the meeting and delays in securing badges at the meeting thereby avoided. On receipt of $3 from those who have paid membership dues for 1899, and of $5 from all others, certificate and badge for 1900 will be mailed promptly from the secretary's office.

A rate of one and one-third fares for the round trip has been granted by the railroads. Pay full fare going, securing a certificate from the agent when you buy your ticket. This certificate, after having been indorsed at the convention, entitles you to a return ticket at one-third fare by same road.

PRELIMINARY PROGRAM.

Tuesday, August 21.

FIRST DAY—OPENING SESSION.

10:30 a. m.—Address of welcome.
Response.
President Wood's address.
Appointment of exhibition judges.
Reports—Secretary; treasurer; state vice-presidents; purchase, legislative claims and special committees.
Miscellaneous business.

FIRST DAY—AFTERNOON.

2 p. m.—Ladies' drive. Conducted by members and ladies of the N. Y. Florists' Club.

3 p. m.—Judges will examine and prepare their reports upon Trade Exhibit. Exhibition closed during judging.

4:30 p. m.—Annual meeting of the Florists' Hail Association of America.

FIRST DAY—EVENING.

8 p. m.—President's reception at the Convention Hall, under the auspices of the New York Florists' Club.

9 p. m.—Lecture, "Floral Decorations," with stereopticon views, Robert Kift, Philadelphia, Pa.

Refreshments and dancing.

Wednesday, August 22.

SECOND DAY—MORNING SESSION.

10 a. m.—Reports of exhibition judges.

A paper, "Greenhouse Construction, from the Open Land to the Finished Structure," J. D. Carmody, Evansville, Ind.

Discussion.

11 a. m.—Selection of place of meeting for 1901.

Nomination of officers.

12 m.—Discussion—"The Welfare of Our National Society," opened by Robert Craig.

Discussion—"The Rose," opened by E. G. Hill, Richmond, Ind.

SECOND DAY—AFTERNOON.

3 p. m.—Annual meeting of the Chrysanthemum Society of America.

4:30 p. m.—Meeting of the American Carnation Society.

Shooting tournament. Full details in official convention program.

SECOND DAY—EVENING SESSION.

8 p. m.—Address—"American Floriculture, Retrospective and Prospective," Prof. B. T. Galloway, Chief. Div. Veg. Physiology and Pathology U. S. Department of Agriculture, Washington.

9 p. m.—"The New York Botanical Garden," with stereopticon views, Dr. N. L. Britton, New York.

Thursday, August 23.

THIRD DAY—MORNING SESSION.

10 a. m.—Action on proposed amendment to the constitution and by-laws. Ex-President W. N. Rudd moves to amend by striking out, wherever they occur, the words "And Ornamental Horticulturists."

11 a. m.—Election of officers.

A paper—"The Improvement of the Carnation," Wm. Weber, Oakland, Md.

Discussion.

Address—"Come to Baltimore," Wm. Frazer, Ruxton, Md.

1 p. m.—Excursion to Glen Island, by invitation of the New York Florists' Club.

Friday, August 24.

FOURTH DAY.

Bowling tournament under the management of the Florists' National Bowling League. Full details in official convention program.

HOTELS.

August is the busy month with New York hotels. A large number, however, are located in the immediate vicinity of the convention hall, and there will be no difficulty in accommodating all who apply, comfortably and at reasonable rates. Those wishing the services of the local committee in securing rooms should apply early by mail to S. S. Butterfield, Box 1697, New York City, Chairman of Hotel Committee, specifying grade of accommodations desired.

THE QUESTION BOX.

The Question Box will be, as heretofore, an interesting feature of the meetings. Members are requested to forward inquiries intended for the Box to the secretary previous to the meeting, when practical, so that they may appear in the regular program.

THE TRADE EXHIBITION.

Entries with the superintendent indicate that this will be the grandest exposition of the latest improvements in all requisites for the greenhouse and other departments of the florists' business, models of greenhouses and apparatus, new and rare plants, garden implements, bulbs, seeds and supplies, ever inaugurated. A very large amount of space has already been rented, and intending exhibitors should make application at once to the superintendents for such accommodations as they require.

A GREAT HORTICULTURAL EXHIBITION

Will be held at the same time and on the same floor as the Trade Exhibition. With some exceptions the awards will consist of the Society American Florists' Silver and Bronze Medals, and the New York Florists' Club's Gold and Silver Medals and Certificates.

NEW YORK.

The Market.

Torrid weather and plenty of it. Some days it would seem as if every one in the city had gone to Coney or other sea side resorts. About the only business done is funeral work, steamers and once in a while a few buttonholes for some Plattdeutsche fest. And yet all the good roses coming in find a ready outlet; perhaps it's because they're few, and out of town customers swell the demand.

This week prices are far below those of last. The very hot weather we are having opens roses quicker, and it is difficult to keep stock in condition any length of time. Sweet peas, centaureas, Lilies auratum and longiflorum, gladiolus and carnations and, yes, and water lilies, form the great bulk of



New Rose "Pink Pearl."

what is coming in, and it seems all sufficient for what is to be done; you can in most cases make your own price. Orchids have shortened up, so has good valley, and the best roses we see or hear of are Thomas Young's Kaiserins.

The Florists' Club will hold a special meeting next Monday night, July 23d, and the bowlers will in consequence meet that afternoon.

Bowling.

The friendly games rolled between New York and Flatbush on the latter's alleys Thursday evening last resulted in a victory for Flatbush. The weather is against bowling, we know that; the alleys used by both these teams are like bake shops and it is very hard to pile up high scores with sweat filling up the ball holes. As far as we can judge by the reported scores the tournament can be won by any of the teams, the betting slightly in favor of the Philadelphians (by the way, this team plays in the international tournament in Hoboken today, Tuesday).

There is one consolation, the alleys to be rolled on next month will be strictly neutral, and all will have the same chance. The question is seriously being considered as to the advisability of prohibiting rooting or coaching at the alleys on account of shattering the nerves of the tenderfeet; but what would a florist bowling match be without its fun, and what is the crowd there for, anyhow? We are sorry to notice that St. Louis is in doubt of being able to enter, but there's time to get the boys in shape, and the more teams the merrier. Following are the scores rolled at Flatbush:

NEW YORK.				FLATBUSH.			
O'Mara	157	140	125	Riley	151	148	169
Burns	139	118	129	Schmutz	156	129	148
Donaldson	200	131	186	Zeller	143	169	151
J. Manda	122	145	178	Mellis	151	140	167
Roehrs	137	128	151	E.Dailled'e	146	166	137
	2186				2271		

Prosser played half Mellis' games. The surprise of the night was Donaldson's fine rolling. Other games were:

Prosser	138	152	Donlan	112	139
P. Dailledouze	159	100	H. Dailledouze	98	91
Wocker	126	91	Thenis	135	123
Woerner	127	90	Papa Zeller	80	96
Butterfield		86	Langjahr		89

Scores on the New York alleys Monday last were;

O'Mara	168	133	165	140
J. Manda	145	134	138	155
Burns	148	97	110	150
Thielman	168	161	136	144
Roehrs	124	129	157	
Donlan	134	120		

Vacations.

Joseph Fleischman and his mother, Mrs. Warendorf, and Chas. Dards sailed for Europe the past week.

Lucatos is busy trying to catch sea serpents off Rockaway. J. I. D.

NEW ROSE "PINK PEARL."

We present herewith an engraving from a photograph of the original plant of this new garden rose, one of Mr. W. A. Manda's Wichuraiana hybrids, recently certificated by the New York Florists' Club, and mentioned among others on page 131 of our issue of June 28.

All who have seen this rose pronounce it to be a decided acquisition. And while its principal value will be as a garden rose it is possible it may be useful to the grower of cut blooms.

ST. LOUIS.

Club Meeting.

The July meeting of the St. Louis Florists' Club was fairly well attended, there being 19 members present. The exhibition committee reported that everything was in good shape for the show. The picnic committee reported, and the place for holding the outing was changed by the club to Montesano Springs, going by boat. The round trip will be 25 cents. The boat leaves at 9 a. m., foot of Olive street. The date will be the same as mentioned in the last issue of the Review.

John W. Kunz, on transportation, reported that $28.10 for the trip to New York, with a stop-over for 10 days, was the best that could be made over the B. & O.

After the regular routine of business the nomination of officers for the ensuing year took place and the names of the following members were proposed for the various offices: President, Fred H. Meinhardt and E. W. Guy; vice-president, Chas. J. Juengel; secretary, Emil Schray; treasurer, J. J. Beneke; three trustees, F. J. Fillmore, John W. Kunz, R. J. Mohr and Gus Groshardt. The election will take place Thursday afternoon, August 9, at 3 p. m.

The question box was opened and one question, "What are the advantages of early planting of carnations?" was discussed by Messrs. Dunford, Guy, Ude and Fillmore. Mr. E. W. Guy told the members what he saw at Witterstaetter's and Sunderbruch's places at Cincinnati and at Hill's and Grave's at Richmond, saying that all their carnations look fine and healthy and were planted early. Witterstaetter's Evelina, he said, "was extra fine, the best he had seen." The other question was "Who has Flora Hill and Jubilee carnations to sell?" The answer was: "Look over the Classified Plant advertisements in the Review." The meeting then adjourned. All members are expected at the next regular meeting of the club, July 9, at 3 o'clock.

Notes.

Visitors in town last Thursday were Henry Edmundt, Dr. A. S. Halstedt, E. W. Guy and Gus Groshardt, of

CYCLAMEN
Importation Just Received.
Crop Harvested May and June of this year.
.....STRICTLY NEW CROP.
SOW ONLY HUNT'S Cyclamen Persicum Grandiflora, The finest strain for FLORISTS' use, composed of all the newest and latest shades and productions.
WRITE FOR MID-SUMMER SEED LIST
CYCLAMEN PERSICUM GIGANTEUM, ALBUM—pure white, WHITE—carmine eye, ROSEUM SUPERBUM, CRIMSON KING, RUBRUM.
Our New Ribbon List, Ready July 21st. Something well worth the trouble of asking for.
Calceolaria, Primula, Cineraria, Pansy—all new, all excellent.
E. H. HUNT, CHICAGO. 76-78 WABASH AVENUE. .....Long Distance 'Phone Central 1751.
Mention The Review when you write.

Belleville, Ill.; J. F. Ammann, of Edwardsville, Ill.; J. W. Dunford, of Central, Mo.; F. W. Ude, Jr., and H. G. Ude, of Kirkwood, Mo., and all attended the club meeting in the afternoon. They all say that their young stock is in fine shape and are much pleased with the outlook for the coming season.

Mr. F. J. Riese, with the Plant Seed Co., is much pleased with St. Louis and had his family come on from Chicago last week, and will reside in North St. Louis for the present.

George Walbart has moved next door to his old store, which is being wrecked to make place for his new building.

Ellison & Tesson have closed their up-town store at 3134 Olive street for the summer; so has John W. Kunz, at 504 Olive street, while alterations are being made.

F. H. Weber, with F. C. Weber, is off on his vacation. Young Fred is enjoying himself in the southern part of Missouri at his sister's place.

George McClure, of Buffalo, has arrived and taken his position at the Missouri Botanical Garden. All that Brother Scott said about this young man is true and he made a great impression on the directors of the garden. It is understood that George will become a member of our club. We would like more young men of this sort to come to St. Louis. We need them.

The Art Floral Co., doing business at Taylor and Morgan streets, have closed up and everything was sold at auction last Friday.

Mr. E. W. Guy returned home from Cincinnati last week much pleased with his trip. His family will remain a week longer. Mr. Guy says that his visit to the different places was of much benefit to him.

The Market.

The business the past week was fairly good but the trade was all funeral work and some of the florists were quite busy with all kinds of designs. The supply of flowers has fallen off and at times there was a scarcity of white flowers for funeral work.

The rose stock that comes in now is very good and the average price is $3 and occasionally $4 for some extra fine stock. Meteors are the best sellers and are very fine for this season of the year. Carnations are still selling at $1 per 100. Whites and Daybreak have the call. Some good Scotts are sold at the same price. No good red in the market. Sweet peas are about over and the price is 20 cents per 100. Gladiolus stalks are a glut now at $2 per 100 stalks; tuberose stalks are $5; asters sell at $1 and $1.50 per 100, but not overplentiful. Smilax is going to waste, not much call for it at present.

Mr. Ball, of the Cincinnati Cut Flower Co., Cincinnati, Ohio, called on the trade Monday. Mr. Ball has relatives in St. Louis and will spend a week here.

Bowling.

The Bowling Club rolled a few games Monday night and were all out of form. Mr. W. Adles, our new member, rolled the best game and has the making of a good bowler. Mr. Adles was formerly a member of the Juniors but will hereafter roll with the older club. The scores were as follows:

	1	2	3	4	5	6	7	To.	Av
Wm. Adles	...	...	...	126	210	142	171	649	162
C. A. Kuehn	146	158	137	136	165	131	181	1054	151
C. C. Sanders	...	...	...	157	177	127	132	593	148
J. J. Beneke	138	131	154	135	145	138	112	953	136
F. C. Weber	...	...	...	139	121	129	133	522	131
John Young	...	...	...	...	119	133	99	341	114

J. J. B.

CHICAGO.

The Market.

Business does not amount to much, but it is good for the season. Certainly the summer dullness is not as intense as usual.

What few good roses come in are picked up quickly at $3.00 to $4.00 a hundred, and a few bring $5.00, though the bulk go at $2.00 to $3.00. Carnations run very poor in quality. The best bring 75 cents to $1.00, a very few extras going a little higher, and the great bulk lumped off at most any price offered. The main call is for white flowers and they go first if of fair quality.

Asters are beginning to come in and they move fairly well at $1.00 to $1.50 a hundred. Some good Harrisii lilies were noted and they bring $10.00 a hundred. Gladioli of very good quality are coming in freely from southern Illinois and they sell very well at $1.50 to $2.00 a hundred spikes for good and $2.50 and $3.00 for extras.

The sweet pea situation is little changed. The supply is still very large. Lavender seems in best demand, probably for funeral work, and some extra fine ones bring as high as 30 cents a hundred, but the great majority average about a dollar a thousand, and the poorest grades are sold at prices that do not cover the expense of picking.

Various Items.

Miss Lizzie Joho is now bookkeeper and cashier for E. C. Amling. She is well known to local buyers, having been employed in the same capacity by T. J. Corbrey when he was in the wholesale business, and later by McKellar & Winterson.

O. P. Bassett and wife are sojourning at Delavan Lake, Wis., and C. L. Washburn is spending much of his time with his family at Lake Harbor, Mich.

Weiland & Risch have a white sport from carnation G. H. Crane that they believe will prove to be a splendid thing. They are curious to know whether there are any other white sports from Crane.

Word has been received of the death of Wm. McKellar, father of C. W. McKellar, at Chillicothe, O., at 3 p. m. yesterday (Wednesday). Mr. McKellar was at his father's bedside when the end came.

H. E. Philpot, Winnipeg, Manitoba, left for home Tuesday.

Warren Huckleberry, North Vernon, Ind., was a recent visitor.

N. G. Axtel has three acres of sweet peas at Evanston and is now picking 25,000 to 30,000 flowers a day. The picking is done between the hours of 4 and 7 o'clock in the morning, by school children, who receive half a cent a bunch. There are 25 or 30 of them at work every morning. The

SAMUEL S. PENNOCK. Wholesale Florist

{ During the summer we will be Open from 7:30 a. m., to 6:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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bunches are packed in shallow paper boxes, and two deliveries are made to the market here, one at 7:30 a. m., and the other at 9 a. m. Thus the peas are in the market a few hours after they are picked. He fertilizes the ground quite heavily, using a good deal of sheep manure and nitrate of soda.

Bowling.

The following scores were made last Friday:

	1	2	3	4	Tot.	Av.
Asmus	189	165	178	180	712	178
Balluff	131	152	178	150	611	153
Winterson	151	128	169	...	448	149
Degnan	152	152	140	...	444	148
Wilson	152	117	158	...	427	142
Hauswirth	169	139	118	...	426	142
Grant	157	125	...	...	282	141
Kreitling	166	118	137	...	421	140
F. Stollery	148	155	112	...	415	138

Following is the standing to date in contest for place:

	Games.	High.	Total.	Av.
Asmus	8	195	1416	177
Winterson	9	230	1418	158
Balluff	8	179	1229	154
Wilson	9	163	1321	147
F. Stollery	9	173	1307	145
Degnan	9	166	1298	144
Grant	2	157	282	141
Hauswirth	9	169	1263	140
Kreitling	9	166	1166	130

CHICAGO TO NEW YORK.

The Chicago Florists' Club's committee on transportation has arranged with the Lake Shore and Michigan Southern railroad for a special train, to leave Chicago the afternoon of Sunday, August 19. Niagara Falls will be reached early Monday morning and the train will lay there several hours, then proceeding to New York, arriving at the Grand Central Station in the evening.

Those desiring to do so may return to Albany by boat up the Hudson River, thence by rail, and all will be entitled to a ten-day stop-over at Buffalo, and if desired may travel by boat from Buffalo to Cleveland, Toledo, or Put-in-Bay.

Going down a dining car will be attached to the train clear through. The round trip tickets will be $26.70, and will be good to return four days after the adjournment of the convention.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—At once, a perfectly reliable florist in every respect; thoroughly competent to take charge and do growing in two new houses; roses and carnations; single man preferred; state wages wanted and write, giving references, immediately. J. W. Bernard, Marion, Ind.

WANTED— A man who thoroughly understands growing roses, carnations and violets; who can also take charge of several men. References required. Address Salter Bros., Rochester, N. Y.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

FOR SALE—36 hot-bed sash, glazed, only used two months, $1.25 each. H. W. Wieland, Newtown, Pa.

WANTED—An A1 man to grow roses, carnations, violets, mums and general bedding stock on a place of 22,000 sq. ft. of glass; must be a good designer; none other than a sober, industrious man need apply; write at once stating experience, references and wages expected. Address Northern, care Florists' Review.

WANTED—A boiler to heat 5000 sq. ft. of glass; must be in excellent condition and cheap; steam or hot water; also 500 ft. 2-inch wrought pipe, 1500 ft. 1¼-inch wrought pipe with fittings. Wm. Fretts, Effingham, Ill.

FOR SALE—Four greenhouses, 12x70, with eight years' lease of ground; stock included; no rent first year; price $350. H. Millingar, Merchantville, N. J.

FOR SALE—Extra good second-hand 3-inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—As foreman or manager; would run a place on shares, or rent. Place must be in good condition. Address 50, care Florists' Review.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT—Five Greenhouses, heated by steam; city water; cheap rent. Call on A. J. Harms, Agent, cor. Berteau and Western Aves., Harms Park, Chicago, Ill.

FOR SALE — Florist's business, greenhouses and stock, situated in one of the oldest settled towns in southern Michigan. One of the most encouraging places that could be desired; small at present but could be easily and quickly extended. An excellent opportunity for a practical man with small capital. Reason for selling, health. Address Business, care of Florists' Review.

GREENHOUSES FOR SALE—Over 3,000 feet of glass. Ten years' record sales have been $1,200 per year, without advertising. Will sacrifice. If you mean business, address Mrs. S. A. Starr, Joliet, Ill.

WANTED—Some second-hand cast iron pipes, 4-in. or 2-in. wrought iron pipes, in good condition. W. P. Ranson, Florist, Junction City, Kan.

WANTED—A good A1 man to grow roses, carnations, mums and general bedding stock; must be a good propagator. A steady place for the right man. State lowest wages, with board, to start with. C. Humfeld, Clay Center, Kan.

FOR SALE—House, barn and greenhouses, with stock in good running shape, $700 cash, balance easy payment. Within 40 miles of Chicago. Address American, care of Florists' Review.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

A FIRST-CLASS MAN WANTS a position as foreman on a first-class place doing a general business, where first-class pay will be given for first-class work.

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FOR SALE.

FOR SALE. — On western coast of Michigan, 2 lots, 2 greenhouses, all modern appliances, in excellent condition. Good business location. Good opportunity for energetic man. Price **$2,200.00.** Write for particulars.

FOR SALE OR RENT. — Near Erie, Pa. Lot 100 x 150. Large two-story dwelling and four greenhouses almost new. Good glass and well heated. Excellent business location. Price **$2,000.00,** easy payments.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

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Celery, Tomato, Cabbage, Peppers, Etc.

Cheap in Large Lots.

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...TO CLEAN UP...

5,000 Geraniums, mixed, 2¼-in	$1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
1,000 Fuchsias, mixed, 2¼-in	1.50
2,000 Salvias, 2½-in	1.50

The MORRIS FLORAL CO., Morris, Ill.

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FOR SALE.

1500 N. Cordata Compacta

in 2-inch pots, strong plants at $3 00 per 100. Also strong plants from bench, $2.00 per 100.

Chas. Schweigert, Niles Center, Ill.

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PHILADELPHIA.

Meeting of the Chestnut Hill Hort. Society.

The regular monthly meeting of the Chestnut Hill Horticultural Society was held at Joslin Hall on Tuesday evening, the 10th inst. An attendance of sixty-eight made an enthusiastic meeting, and the exhibits were all of high quality. Premiums were awarded as follows:

For six varieties of sweet peas, 25 blooms of each variety, five entries, first to R. G. Carey, gardener to T. C. Price, Chestnut Hill; honorable mention to William Robertson, gardener to J. W. Pepper, Jenkintown, Pa.

For best collection of annuals to Mr. Wm. Kleinheintz, gardener to P. A. B. Widener, Ogontz.

For one quart of raspberries, six entries, first to Harry Harris, gardener to Mrs. Fell, Chestnut Hill; honorable mention to John Little, gardener to John Lowber Welsh, Chestnut Hill.

For one quart of currants, five entries, first to Frank Gould, gardener to John T. Morris, Chestnut Hill.

Potatoes, twelve specimens of any variety, five entries, first to Thos. Henning, gardener to Mr. Biddle; honorable mention to Harry Harris, gardener to Mrs. William Fell.

For best collection of cut blooms of herbaceous plants, not less than six varieties, first to Wm. Kleinheintz, gardener to P. A. B. Widener.

Special mention was also made of the following:

For a splendid collection of single and double tuberous rooted begonia flowers, exhibited by Wm. Kleinheintz; for collection of Iris Kaempferi, three choice specimen plants of fancy leaved caladiums, for specimen plants of Clerodendron Balfourii and calathea, and for three extra well grown and solid heads of cabbage exhibited by Mr. Frank Gould, gardener to John T. Morris; for vase of hardy white sweet peas (Lathyrus latifolius albus), and a fine display of four varieties of gooseberries exhibited by Robert Carey, gardener to E. T. Price; for collection of hardy phlox (Phlox decussata) new varieties, exhibited by the Andorra Nurseries.

The next meeting of the society will be held on August 14th.

J. H. H.

BAY CITY, MICH.—W. C. Cook has severed his connection with the John Irvine Co. and has gone to Kalamazoo, Mich., where he has organized the Kalamazoo Nursery and Floral Co.

CHILLICOTHE, O.—Wm. McKellar, the florist, died at 3 p. m., Wednesday, July 18, after a lingering illness. He was the father of C. W. McKellar, McKellar & Winterson, Chicago.

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THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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In our new and enlarged quarters we are better prepared than ever to handle your orders.
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WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
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Carnation Blooms...
In Unlimited Quantities,
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All telegraph and telephone orders given prompt attention.
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Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
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Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

LOOK! ....CLEARING SALE.... LOOK!

Grand Clearing Sale of Florists' Supplies.

To clean up surplus stock we offer the following:

300 Bales Pressed Clean Sphagnum Moss, 60c per bale.

60 Bales Fresh Tobacco Stems, 200 lbs. to bale, $1.50 per bale.

1200 Cycas Leaves, Preserved, from 24 to 40-inch, equal proportion of each, $15.00 per 100.

200 Artificial Palm Plants, assorted sizes, $4.00 per doz.

Will supply any amount desired at prices quoted, as long as stock lasts.

400 Lbs. White Cape Flowers, 80c per lb.
1000 White Pampas Plumes, $2.00 per 100.
1500 Colored Pampas Plumes, $5.00 per 100.
2000 Nest and Fancy Baskets, in assortments, $10 to $25 assortments.
1000 Reams Tissue Paper, best, 45c per ream.
300 Reams Wax Manilla Paper, medium, $1.40 per ream.

Ribbons, Wheat Sheaves, Bouquet Pins, Doves, Immortelles, Cape Flowers, Flower Vases and all Florists' Supplies at corresponding low prices.

CUT FLOWERS. FIRST COME, FIRST SERVED. CUT FLOWERS.

McKELLAR & WINTERSON, 45-47-49 Wabash Avenue, **Chicago.**

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3 00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	8.00
Golden Wedding	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street,

BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

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E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

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FOR

PALMS

Write to Walter Retzer & Co.

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

Choice Pot Plants, 1c Each.

We wish to give our customers the benefit of very low prices for a short time.

Geraniums, the choicest, most desirable varieties to be had, true to name. Bruanti (best semi-double scarlet), S. A. Nutt, Athlete, White Swan, La Favorite, Mrs. J. M. Garr, (best single white), Beaute Poitevine, American Wonder, Mrs. E. G. Hill, Mme. Bruant and others, $2.00 per 100, strong 2½-in.; Rose Geraniums and Mme. Salleroi, 1c each; strong 2-in.

Petunias, double fringed, in full bloom, Henderson's and Dreer's latest superb sets, strong 2-in. 1c each; really worth $1.00 per doz.

Fuchsias, cholcest sorts, strong 2-in.; $1.50 per 100; fine 4-in. full bloom at 6c; 2½ and 3-in. at 2c.

Coleus, elegant named varieties, all beauties, 1c each, strong 2 and 2½-in.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c.

Salvias and **Giant Alyssum**, 1c.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay.

Smilax, strong 2-in., as fine as any you could wish, $1.50 per 100; $12.50 per 1000.

Roses, fancy extra select Brides, Perles and Maids, 3-in., 4c; the same in 2½-in. pots, including Meteor, 3c; Kaiserin, Wotton, Golden Gate, Belle Siebrecht, strong 2½-in., 4c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

GERANIUMS....

Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey. All clean healthy stock from 2 and 2½-in. pots, at $2.50 per 100. Also Mme. Bruant from 3-in. pots, at $3.50 per 100.

W. E. HALL, - CLYDE, OHIO.

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CELERY and CABBAGE

CELERY. Pink Plume (extra strong), Golden Self-Blanching, Giant Pascal, Golden Heart, New Rose and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CABBAGE. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

KALE. Dwarf Green Curled Scotch, same price as Cabbage. If any of the above by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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FASTER TIME VIA THE WABASH.

Continental Limited.

Commencing June 27 the Continental Limited leaves Chicago at 12:40 noon, instead of 12:02, and arrives New York 3:15 and Boston 5:20 the following afternoon. Through sleepers to both points.

NOW.

Now is a good time to secure a copy of the Florists' Manual, by William Scott. You need it in your business. It is a book that will help you to save money and to make money. You cannot expend $5.00 in any better way. It is the best business investment you can possibly make. Start the new season in the right way—Mr. Scott's way. Let us have your order now.

OMAHA.

Notes.

Trade in Omaha, as in most other places, is very quiet. A little funeral work now and then to keep up interest in the floral work is all we have.

Carnations are about played out and asters will soon be in to take their place, if that be possible. Roses, owing to the intense heat of the last week, are worse than ever, and our only consolation is that young roses will begin to arrive in a couple of weeks.

There has been some building this summer by the Omaha florists. S. R. Faulkner has added several houses; Hess & Swoboda have rebuilt some, and A. Donaghue, Jr., has extended six of his houses, which means about 300 running feet. He will also enlarge his violet pit one-half.

The Florists' Bowling Club met last evening (July 12) at Clark's new alleys, which are the best in town. They are a great improvement on the alleys at Krug Park, where the convention held their match. Being down town a better attendance can be depended upon. There was a keen interest in this game, owing to the rivalry among the three gentlemen whose names appear first on the score:

				Av.
J. J. Hess	182	157	145	161
J. F. Wilcox	173	149	158	160
W. R. Davey	161	165	148	158
G. Swoboda	160	145	142	145
L. Henderson	124	142	150	138
C. Floth	148	135	132	136
J. H. Hadkinson	125	140	143	136
P. Paulson	124	126	147	135
S. R. Faulkner	125	130	120	125
F. Sahan	115	120	109	114
W. Faulkner	123	103	105	110

J. H. B.

SAN FRANCISCO PARKS.

We have received from Superintendent John McLaren a copy of the last report of the commissioners of Golden Gate Park, San Francisco, which contains, in addition to the usual data regarding the work of the board, twenty finely executed colored plates giving views in the park.

A most useful feature of the report is a complete catalogue of trees, shrubs and vines planted in the park, and of flowering and bedding plants in the nursery.

ST. PAUL.

The annual picnic of the Twin City Florists' Club will be held at Lake Park, Minnetonka, Friday, July 20th. The program includes five foot races, a rifle shooting contest, ball game, tug of war and boat race, as well as music and dancing.

TORONTO, OHIO.—David Aten has bought out Mrs. Wilson's interest in the business and will continue it alone. He recently arranged a very pretty church decoration for the wedding of two prominent young people that was much admired.

PLANTS AND ROOTED CUTTINGS.

	Per 100		Per 100		Per 100
Asparagus Plumosus, 2¼-inch	$5.00	Dracaena Ind., 3-in.	$6.00	Heliotrope, 2-in., $3.00; 4-in.	$6.00
Asparagus Sprengeri, 2-in.	3.00	" " 5-in.	25.00	Hydrangea, pink and white, 2¼-in.	5.00
" " 2¼-in.	4.00	" " 6-in., extra.	50.00	Impatiens Sultani, 2¼-in.	3.00
Begonia Rex, 2¼-in.	4.00	Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in.	6.00	Lemon Verbena, 2-inch	3.00
" " 3-in.	6.00	Maurandya, 2¼-in	2.00	Pansy Plants	1.50
" " 3½-in.	8.00	Fuchsias, 2¼-in. $3.00; 3-in.	4.00	Var. Trailing Abutilon, 2¼-in.	4.00
Baby Primrose, 2¼-in.	4.00	Geraniums, Ivy, 3½-in.	4.00	Violets, Farquhar, 2¼-in.	2.50
Coleus, fancy, 2¼-in.	3.00	S. A. Nutt, Double Grant, La Favorite, Elizia, Glo. de France, etc., 2¼-in.	3.00	" " 3in.	3.50
Cuphea (Cigar Plant) 3-in.	3.00	Happy Thought, 2¼-in.	4.00	Vinca, 2¼-in., $3.00; 3-in.	5.00
Cyperus (Umbrella Plant) 2¼-in	4.00	Double New Life, 2¼-in.	6.00	" 4-in., $10.00; 5-in.	15.00

ROOTED CUTTINGS. Per hundred.

Anthemis Cor., (Dble. Yellow Marguerite)	$1.50	Geraniums, sweet, in variety	$1.50	Geraniums, Bronze	$1.50
Begonia Rex	2.00	Named	1.50	Mrs. Pollock	2.00
Forget-Me-Not, winter flower	2.00	Happy Thought	2.00	Vinca	1.25
		Silver Leaf	1.50	" per 1000	10.00
		Freak of Nature	2.50	Snow Crest Daisy	2.00

Write us for prices on 1,000 lots. Terms—Cash or C. O. D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

ROSES

Choice, well grown, clean, healthy stock, just right for planting.

900 MAID, 4-in. pots, grafted ..... $10.00 per 100.
300 METEOR, 3-in. pots ..... 5.00 "
275 LADY DOROTHEA, 3-in. pots ..... 6.00 "
200 PERLE, 500 BRIDE, 500 MAID ..... 2-in. pots, $3.00 per 100, $25.00 per 1000.

L. L. MAY & CO., St. Paul, Minn.

Mention The Review when you write.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect.
Only selected growth from flowering shoots used in propagating.

WOOTTON, LA FRANCE, AMERICAN BEAUTY, GOLDEN GATE
3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100.

METEOR, BRIDESMAID, SAFRANO, BON SILENE, MERMET, PERLE, KAISERIN, MAID OF HONOR, MME. HOSTE, BRIDE.
3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

GRAFTED ROSES. MAID OF HONOR, GOLDEN GATE, 3½-inch pots, $15.00 per 100.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

ROSES, GOLDEN GATES, thrifty stock, from 2½-inch pots, $4.00 per 100; $35.00 per 1000. BRIDESMAIDS, $3.00 per 100; $25.00 per 1000.

A Few Hundred PERLES, from 2½-in. pots, $3.50 per 100.

PHŒNIX CANARIENSIS, from 5 and 6-inch pots, $3.00 per doz.; $20.00 per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

ROSES - Brides, Maids, Perles, Meteors, 2½-in., strong, per 100, $3.00
FINE PLANTS.

SMILAX - Strong, 2½-in., per 100, $2.00; per 1000, $18.00
FOR CASH.

J. N. KIDD, ST. JOSEPH, MO.

Mention The Review when you write.

Wabash Midnight Flyer to St. Louis.

Spend the evening at home or at the theatre—leave Chicago at 11:30 p. m. and be in St. Louis before eight o'clock next morning. Try this popular train.

Rose Plants

Good, Healthy Stock.

BRIDESMAIDS, KAISERINS, BRIDES, 3-inch, $4.00 per 100; $35.00 per 1000. 2½-inch, $3.00 per 100; $25.00 per 1000.

Cash with order.

MARTIN A. MAGNUSON,

3309 N. Western Ave., CHICAGO, ILL.

SPECIAL OFFER.

RosePlants

To clean out and finish planting we have to offer the following 2½-inch rose plants:

5000 Meteors, - $20 per 1000
4000 Brides, - - $20 "
500 A. Beauties, $35 "

Will sell the lot for $150

This stock is clean and in good condition, especially the Meteors, which are very fine.

J. A. BUDLONG,
37 & 39 Randolph Street, - CHICAGO, ILL.
Mention The Review when you write.

ROSES To Close Out....

METEORS .....in 3 and 2½-inch.
LA FRANCE .....in 2½-inch.
BELLE SIEBRECHT.....in 2½-inch.
MAIDS .....in 2½ and 2-inch.
BRIDES .....in 2½ and 2-inch.
PERLES .....in 2-inch.

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established.

Boston Ferns ready for 5-in pots.

...WRITE US...

GEO. A. KUHL,
PEKIN, ILL.
Send $1.00 for samples of what you want.
Mention The Review when you write.

ROSES

in fine condition. Bride, Bridesmaid, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.
Mention The Review when you write.

ROSE PLANTS.

METEOR, 3½-inch pots, **$5.00** per 100; **$40.00** per 1000.

Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.

BRANT & NOE, Forest Glen, Chicago, Ill.
Mention The Review when you write.

1000 Asparagus Sprengeri

Plants, fine, out of 2-inch pots, $2.00 per 100.

Also **FERNS,** Fine Pteris Tremula, 2-inch pots, $2.00 per 100.

MRS. ELIZABETH KUNTZ,
352 South First Street, Frankfort, Ind.
Mention The Review when you write.

Begonia... Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.
Mention The Review when you write.

BEGONIA REX!

Extra fine stock in good assortment, from 2½-in. pots, ready for 4s, $6.00 per 100.

Asparagus Sprengerii,
Strong, from 2¼-in. pots, $3.00 per 100

Asparagus Tenuissimus,
2¼-in. pots, $3.00 per 100.

NATHAN SMITH & SON, Adrian, Mich.
Mention The Review when you write.

SMILAX!

$1.50 per 100.

From Pots. Samples free to intending buyers if desired.

ALBERT M. HERR,
LANCASTER, PA.
Mention The Review when you write.

EDWARD B. JACKSON,

Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.
In any quantity for the least money.

STAMFORD, CONN.
Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Smilax.

		Per 100
	Fine plants, 2-in. pots, $3.00 per 1000.	$1.00
Asparagus	Sprengeri, 2-in. pots	3.00
	Plumosus Nanus	4.00
Primroses,	July 1, Chinese, Forbesi, Obconica, Grandiflora and Rosea	2.00
Pansy Seed,	large flowering, August 1, per oz	4.00

CASH PLEASE.

JOS. H. CUNNINGHAM, - Delaware, Ohio.
Mention The Review when you write.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000. New Imperial, $3.00 per 100; $25.00 per 1000.
Geraniums. S. A. Nutt and Bruanti, $3.00 per 100; 3-in., $3.50 per 100, including Sallerol.
Roses in 3-in. pots, ready to plant, $4.00 per 100; $35 00 per 1000. **Red and Yellow Alternanthera,** $2.00 per 100; $15.00 per 1000.

CRABB & HUNTER, Grand Rapids, Mich.
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Carnations.

F. DORNER & SONS CO.
LA FAYETTE, IND.
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IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.
Mention The Review when you write.

CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

W. E. HALL, - - CLYDE, O.
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FIELD GROWN CARNATIONS

Orders booked now for fall delivery.

GEO. HANCOCK & SON, Grand Haven, Mich.
Mention The Review when you write.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Trailing abutilon, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c. Cash.
South Side Floral Co., Springfield, Ill.

Send in your order now for a copy of the Florists' Manual.

ALTERNANTHERA.

Red and green, from pots, $1.50 per 100.
Grovedale Nurseries, Fisher's Lane, above 2nd St., Philadelphia, Pa.

Red and yellow alternanthera, $2.00 per 100; $15.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

Asparagus Plumosus Nanus. Transplanted seedling plants, for July and August delivery, ready for 2½-inch pots, at $3.00 per 100; $25.00 per 1000; 500 at thousand rates. Express prepaid. Cash with order.
R. Asmus, New Durham, N. J.

Asparagus Sprengeri from 2-in. pots, 5 to 7 growths, $2.50 per 100; from seed pans, 2 to 3 growths, $1.50 per 100, postpaid. Cash please.
C. S. Tait, Brunswick, Ga.

Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
J. B. Heiss, Dayton, Ohio.

A. Sprengerii, strong field-grown clumps, all sizes, from $3.00 to $10.00 per 100.
B. H. Ritter, Port Royal, S. C.
See Bulb, Caladium, Palm, Gardenia.

Asparagus Sprengeri, 2-in., $3.00 per 100. A. plumosus nanus, 2-in., $4.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, large, strong plants ready for 4-in. pots, $8.00 per 100.
Robert Mann, 1258 S. Wash av., Lansing, Mich.

Asparagus plumosus nanus, heavy 10-ft., strings. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

Asparagus Sprengeri, 2-in. pots, fine large plants, $2.00 per 100. C. Winterich, Defiance, Ohio.

Asparagus plumosus, 2¼-in., $5.00; A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, 2½-in. pots, $4 per 100; $30 per 1000. 3-in. pots, $5 per 100.
Edw. J. Taylor, Southport, Conn.

Asparagus Sprengeri and tenuissimus, 2¼-in., $3.00 per 100.
N. Smith & Son, Adrian, Mich.

Asparagus Sprengeri, 2-in., $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus Sprengeri, 2½c. Cook Bros., 2534 W. Mosher st., Baltimore, Md.

500 Sprengeri, 2½-in., strong and healthy.
Henry Behrens, Middletown, O.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

ASTERS.

Fine, stocky plants from the field. Ostrich Feathers, Queen of the Market, Semple's, Victoria, Vick's and Truffaut's Perfection, 35c per 100; 300 for $1.00; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Smilax and Vegetables.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay. Cash.
South Side Floral Co., Springfield, Ill.

Paeony Perfection white; also Paeony Perfection mixed, and Victoria. Finest mixed, fine transplanted plants for 50c per 100 to close out the lot. H. S. Baker, Warsaw, N. Y.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, $4.00 per 100 by mail; $25.00 per 1000. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

BASKET AND VASE PLANTS.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; $4.50 per 100.
The Calla Greenhouses, Calla, Ohio.

BEGONIAS.

Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
The Cottage Gardens, Queens, N. Y.

Begonia Rex, 2¼-in., $4.00, 3-in., $6.00, 3½-in., $8.00 per 100. Rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

Begonia Rex, extra fine stock in 2-in., ready for 4-in., $6.00 per 100.
N. Smith & Son, Adrian, Mich.

2000 mixed begonias, 1000 Erfordi and 1000 red vernon in 2¼-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

BOUGAINVILLEA.

Sanderiana, 8-in., extra fine, $5.00 per doz.
Grovedale Nurseries, Fisher's Lane, above 2nd St., Philadelphia, Pa.

BOUVARDIAS.

Bouvardias. Strong 2½-in. plants. A. Neuner, dbl. white; Florescens, dbl. yellow; Hogarth, fl. pl., dbl. red; Pres. Garfield, dbl. pink; Humboldtii corymbiflora, mammoth single white; Pres. Cleveland, large fl. single scarlet, $4.00 per 100. Rosea multiflora, large fl. single rose; The Bride, large bright pink, white eye, single; Vreelandi, finest white, single; Elegans, scarlet, large trusses, single, $3.00 per 100. Nanz & Neuner, Louisville, Ky.

Bouvardia, 2-in., $3.00 per 100. McCrea & Cole, Battle Creek, Mich.
See Smilax and Ferns.

BULBS.

First to arrive via Havre! We have advice of a large consignment of 12-15 centimeter White Roman Hyacinths, due to arrive in New York in about two weeks' time. Regular shipments do not come until end of August. If you want to get the "cream of the trade," and best prices for the flowers, by having them in the market at least one month earlier than usual, secure a portion of this lot at once. Although freight rates are much higher by fast steamer from Havre,, we are offering these bulbs at a price which makes them a secure investment for any florist to make money on. White Roman Hyacinth Bulbs 12-15 centimeter, per case of 2,000, $30.00; broken lots, $16.00 per 1,000. Just to hand for Christmas forcing: Freesia Refracta Alba (true.) 1st size, $5.00 per 1,000; extra size, $7.00 per 1,000; monster bulbs, $8.00 per 1,000. Lucas & Boddington Co., 342 W. 14th st., New York.

Calla bulbs. First shipment now arriving. Stock extra fine. Order now. Per 100, 1¼ to 1½-in., $5.00, 1½ to 1¾-in., $7.00, 2 to 2½-in., $9.00. Bermuda Freesias, L. Harrisii and other forcing bulbs expected soon. We are prepared to quote reasonable prices. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Freesia bulbs, for immediate delivery.
¼ to ⅜-inch diameter.....$0.75 per 1000
⅜ to ½-inch diameter..... 1.75 per 1000
½ to ¾-inch diameter..... 3.50 per 1000
The smaller bulbs will prove as satisfactory as the larger if planted early. Johnson & Musser Seed Co., Los Angeles, Cal.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Caladium, esculentum, started bulbs, 3-4-in. diameter, $2.00 per 100; $15.00 per 1000.
B. H. Ritter, Port Royal, S. C.
See Caladium, Asparagus, Palm, Gardenia.

Calla Bulbs. We offer our surplus of Callas, size 1-1½-in. diameter, at $1.75 per 100; $15.00 per 1000. Johnson & Musser Seed Co., Los Angeles, Cal.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Calla Sets, $2.50 per 1000. Add 15 cents per 1000 for postage. Germain Seed and Plant Co., Los Angeles, Cal.

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Plants of fancy-leaved caladiums, from 2½-in. pots, at from $6.00 to $25.00 per 100. Also a few slightly started bulbs of good size and A1 kinds at a bargain. For particulars address, F. J. Ulbricht, L. B. 113, Anniston, Ala.

Caladiums, fancy leaved, 10-15 choice kinds, strong plants, 2½-in. pots, $5.00 up to $10.00 per 100. B. H. Ritter, Port Royal, S. C.
See Bulb, Asparagus, Palm, Gardenia.

Esculentum, 5-inch, strong, $6.00 per 100.
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Orders now booked for fall delivery of field grown carnation plants. Geo. Hancock & Son, Grand Haven, Mich.

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White—Ivory, Midge, Mrs. Jerome Jones, Wanamaker, Woodford, Independence, Weeks. Yellow—Golden Trophy, Henderson, Johnson, Whildin, Modesto, Yellow Queen, Bonnaffon, Lincoln, Sunderbruch. Pink—Montmort, Glory of Pacific, Morel. Bronze—Chas. Davis. Red—Geo. W. Childs, out of 2½-in. pots, $2.00 per 100; $18.00 per 1,000. Also, white—Lady Fitzwygram, Mayflower. Yellow—Golden Wedding, Yellow Jones, W. H. Reiman. Red—Schrimpton, out of 2½-in. pots, $2.50 per 100; $22.50 per 1,000. 500 or more at 1,000 rate. Cash or C. O. D. Poehlmann Bros., Mortono Grove, Cook Co., Ill.

Chrysanthemums, now is the time to plant them. We are offering extra fine, vigorous plants from 2 and 2½-in. pots. Everybody likes them. For varieties and price see display adv. in this issue.
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PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Chrysanthemums, Merry Monarch, Ivory, Montmort, Maud Dean, Philadelphia, Pennsylvania, Modesto, Niveus, L. Canning and many others, at $2.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

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60,000 Dahlias for fall delivery. All the best and newer varieties. Stock first-class. Prices right.
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Dracaena indivisa, 3-in., $6.00; 4½-in., $25.00; 5-in., $35.00; 6-in., $50.00.
Greene & Underhill, Watertown, N. Y.

Dracaena terminalis, 4-in., $15.00 per 100. J. B. Heiss, Dayton, Ohio.

ECHEVERIA.

Echeveria Secunda Glauca, $3.00 per 100; Sempervivum Tectorum, $2.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

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Fern Spores. We are headquartera. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston Ferns! $5.00 per 100; $40.00 per 1000. Large plants from 50 cts to $3.00 each. Seedling Ferns, Pteris Cretica Albo Lineata, $1.25 per 100; $10.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

One hundred Adiantum cuneatum, 4, 5 and 6-in. pots, fine. The lot for $10.00. 50 Selaginella Emiliana, 2¼-in., ready for a shift, at 4c each. Cash with order. Jos. E. Bonsall, Salem, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
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Caraway, Pteris cretica, crested pteris, Pteris Ouardi, Nephrolepsis compacta, Dwarf sword, etc. Cheap. McCrea & Cole, Battle Creek, Mich.
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Adiantum Cuneatum, 2½-in. pots, $4 per 100; 3½-in. pots, $6 per 100; 3½-in. pots, large plants, $10 per 100; selected plants, 3½-in. pots, $12 per 100. Edw. J. Taylor, Southport, Conn.

Assorted ferns in flats ready for shipment June 1, $2.00 per flat. Assorted ferns, ready for immediate shipment, 2-in. pots, $30.00 per 1000. Bobbink & Atkins, Rutherford, N. J.

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Adiantum Farleyense. Nice young plants, ready for a shift, 2½-inch pots, $10.00 per 100.
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Boston Ferns, $10.00, $15.00 and $20.00 per 100. Good value. Cash with order. J. W. Howard, Somerville, Mass.

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Fine Pteris tremula, 2-in., $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

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Surplus for spring 1900. Can yet do peaches and Japan plums in limited quantity; also Miller red raspberry, Early Harvest blackberry, Lucretia dewberry, strawberries from best leading varieties. Prices for same given upon application. Milford Nurseries, Milford, Del. Alex. Pullen, Proprietor.

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Fuchsias, choicest sorts, strong 2-in.; $1.50 per 100; fine 4-in. full bloom at 6c; 2½ and 3-in. at 2c. Cash.
South Side Floral Co., Springfield, Ill.

Fuchsias, 2¼-in., $3.00, 3-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

1000 fuchsias, mixed, 2¼-in., $4.00. Cash.
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Geraniums, the choicest, most desirable varieties to be had, true to name. Bruanti (best semi-double scarlet), S. A. Nutt, Athlete, White Swan, La Favorite, Mrs. J. M. Garr, (best single white), Beaute Poitevine, American Wonder, Mrs. E. G. Hill, Mme. Bruant and others, $2.00 per 100, strong 2½-in.; Rose Geraniums and Mme. Salleroi, 1c each; strong 2-in. Cash.
South Side Floral Co., Springfield, Ill.

Geraniums. Per 100: Ivy, 3½-in., $4.00; S. A. Nutt, Dbl. Grant, La Favorite, Eliza, Gloire de France, etc., 2¼-in., $3.00; Happy Thought, 2¼-in., $4.00; Dbl. New Life, 2¼-in., $6.00. Rooted cuttings. Sweet, in variety, $1.50; Happy Thought, $2.00; Silver Leaf, $1.50; Freak of Nature, $2.50; Bronze, $1.50; Mrs. Pollock, $2.00.
Greene & Underhill, Watertown, N. Y.

Mme. Bruant, La Favorite, B. Pointevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey, all clean, healthy stock from 2 and 2½-in., $2.50 per 100. Mme. Bruant, 3-in., $3.50 per 100. New mammoth scarlet, Clyde, $3.00 per doz. W. E. Hall, Clyde, Ohio.

1000 rose geraniums, 2½-in. pots; 500 assorted geraniums, 3-in. pots; 200 Mme. Salleroi, 3-in. pots, at $2.00 per 100.
James Morton, Clarksville, Tenn.

S. A. Nutt and Bruanti, $6.00 per 100; 3-in., $3.50 per 100, in cluding Salleroi.
Crabb & Hunter, Grand Rapids, Mich.

5,000 geraniums, mixed, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

GARDENIAS.

Gardenia florida, single and double, strong outdoor-grown plants, well branched and rooted, 24 inches high, $10.00 per 100; smaller size, $5.00 per 100. B. H. Ritter, Port Royal, S. C.
See Bulb, Caladium, Asparagus, Palm.

HARDY PLANTS.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Fruit and ornamental trees, shrubs, vines and roses. Write for price list or send your lists of wants for special prices. W. & T. Smith Co., Geneva, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Double Sweet William plants, 25c per 100; $1.00 per 500. Seed, 1 oz., 50c; 5 ozs., $2.
C. D. Lotz, Glen Burnie, Md.

HELIOTROPE.

Heliotrope, 2-in., $3.00, 4-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

800 heliotropes from 2½-in., $2.00 per 100.
James Morton, Clarksville, Tenn.

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Hydrangea, pink and white, 2¼-in., $5.00 per 100.
Greene & Underhill, Watertown, N. Y.

If you read these advs. others would read yours.

ORCHIDS.

Arrived in excellent condition, L. pupurata, L. grandis tenebrosa, and Oncidium varicosum Rogersii. Also on hand, Cattleya Percivaliana, C. Mossiae, L. anceps, and L. autumnalis. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Kentia Belmoreana. Seedlings, $40.00 per 1000; 2-in. pots, $60.00 per 1000. Also plants, from $1.50 to $8.00 each. Areca Lutescens Seedlings, $2.00 per 100; $18.00 per 1000. Pandanus Veitchii, fine large plants in 8-inch pots, $2.50 each. Pandanus Utilus, 8-inch pots, from $1.00 to $1.50 each. John Scott, Keap Street Greenhouses, Brooklyn, N. Y.

6 large Ficus elastica, 8 ft. high, 5 ft. in diameter, grown in tubs, $5.00 each. 6 large Latania borbonica, 5 ft. in diameter, grown in half-barrels, $8.00 each. 1000 Latania borbonica, from 2½-in. pots, $3.00 per 100.
James Morton, Clarksville, Tenn.

Fresh seeds and in fine condition. Kentia Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Phoenix canariensis, elegant stock, 4½ to 5-in. $20.00 per 100. Chamaerops excelsa, 5-in., $25.00, 4-in., $20.00 per 100. J. B. Heiss, Dayton, Ohio.

Some fine Oreodoxa regia (Royal Palm), 4-in., with character leaves. Write for prices.
B. H. Ritter, Port Royal, S. C.
See Bulb, Caladium, Asparagus, Gardenia.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

Pandanus Veitchii, cool grown, handsome plants, 7-in. pots, $1.50 each.
John Welsh Young, Germantown, Pa.

Phoenix canariensis, 5 and 6-in., $3.00 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

PALMS—Continued.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Areca lutescens, Kentias Belmoreana and Forsteriana. Jos. Heacock, Wyncote, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

From seed bed $3.50 per 1,000. Cash. W. C. Jennison, Natick, Mass.

Pansy plants, $1.50 per 100.
Greene & Underhill, Watertown, N. Y.

PETUNIAS.

Petunias, double fringed, in full bloom, Henderson's and Dreer's latest superb sets, strong 2-in., 1c each; really worth $1.00 per doz. Cash.
South Side Floral Co., Springfield, Ill.

PRIMROSES.

Primrose plants. Fine stock, ready for shifting, $2.00 per 100. W. B. Woodruff, Florist, Westfield, N. J.

Chinese obconica grandiflora and rosea, Forbesi, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Baby Primrose, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

20,000 Roses for sale. American Beauties, 3½-in., $8.50 per 100; $75.00 per 1000; 3-in., $7.00 per 100; $65.00 per 1000. Kaiserin, Golden Gate, 3½-in., $5.00 per 100; $45.00 per 1000; 3-in., $3.50 per 100; $30.00 per 1000. Perles, 3½-in., $4.50 per 100; $40.00 per 1000. 3-in., $3.50 per 100; $30.00 per 1000. Brides, Maids, Meteors, Garretts and a few Mermets, 3½-in., $4.50 per 100; $40.00 per 1000. These are all fine plants. Send for sample. Cash with order. Mrs. J. W. Crouch, Chattanooga, Tenn.

New seedling rose "Winnie Davis." Every florist should grow this grand rose either as a pot plant or for forcing. The color is apricot pink shading to a flesh tint and the odor is as of delicious ripe fruit. A free and vigorous grower and bloomer, and color never changes in dark weather like most colored roses. Magnificent light-green glossy foliage. Strong, thrifty plants, 2½-in., $5.00 per doz.; $35.00 per 100. Nanz & Neuner, 582 Fourth av., Louisville, Ky.

ROSE PLANTS	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Only selected growth from flowering shoots used in propagating. Wootton, La France, American Beauty and Golden Gate, 3-in., $8.00; 4-in., $12.00 per 100. Meteor, Bridesmaid, Safrano, Bon Silene, Mermet, Perle, Kaiserin, Maid of Honor, Mme. Hoste and Bride, 3-in., $7.00; 4-in., $10.00 per 100. Grafted roses, Maid of Honor, Golden Gate, 3½-in., $15.00 per 100.
J. L. Dillon, Bloomsburg, Pa.

To clean out and finish planting we have to offer the following 2½-in., rose plants: 5000 Meteors, $20.00 per 1000; 4000 Brides, $20.00 per 1000; 500 American Beauties, $35.00; or the lot for $150.00. This stock is clean and in good condition, especially the Meteors which are very fine. J. A. Budlong, 37-39 Randolph St., Chicago.

	—2½-inch pots—		—3-inch pots—	
	Per 100	Per 1000	Per 100	Per 1000
Brides	$3.00	$25.00	$5.00	$45.00
Maids	3.00	25.00		
C. Soupert	3.00	25.00	5.00	45.00
Am. Beauties			8.00	75.00

J. B. Heiss, Dayton, Ohio.

To clear the benches. Roses, 3-in., at $3.00 per 100. 400 Maids, 200 Gates, 125 Woottons, 125 white LaFrance, 50 Kaiserin. Roses, 2¼-in. and second size 3-in. at $2.00 per 100. 300 Maids, 250 Gates, 200 Perles, 100 Kaiserins, 75 Carnots, 50 Woottons, 50 White LaFrance Cash with order. Jos. E. Bonsall, Salem, Ohio.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. Maid, Bride, Perle, 3½-in., $8.00, 4-in., $10.00. Also Sunset, Meteor, Morgan, Mermet, La France, Niphetos, Kaiserin, Golden Gate, Maid of Honor. Grafted Bride, large 4-in., $20.00 per 100. A. S. MacBean, Lakewood, N. J.

2000	Golden Gate,	3 inch pots	$3.00
1000	Bridesmaid	3 " "	3.00
1000	Bride,	3 " "	3.00
1000	Meteor,	3 " "	2.50
1000	Smilax,	3 " "	2.50

The above are clean and very strong plants. J. D. Brenneman, Box 24, Harrisburg, Pa.

Choice, clean, healthy stock, just right for planting. 900 Maids, 4-in., grafted, $10.00 per 100; 300 Meteors, 3-in., $5.00 per 100; 275 Lady Dorotheas, 3-in., $6.00 per 100; 200 Perles, 500 Brides, 500 Maids, 2-in., $3.00 per 100; $25.00 per 1,000. L. L. May & Co., St. Paul, Minn.

7,000 surplus roses. Vigorous and healthy, clean stock, from selected wood, grown in bright sunlight and full air, price $6.00 per 100. Varieties—Hoste, Perle, Sunset, Bride, Maid, Meteor, Golden Gate, Gontier. P. R. Quinlan & Co., Syracuse, N. Y.

Golden Gates. Thrifty stock from 2½-in., $4.00 per 100; $35.00 per 1000. Bridesmaids, $3.00 per 100; $25.00 per 1000. A few hundred Perles from 2½-in., $3.50 per 100.
W. B. Sands, Lake Roland, Baltimore, Md.

Bridesmaids and Brides, 3-in., $4.00 per 100; $35.00 per 1000. Meteors, 2½-in., $2.50 per 100. Stock in excellent shape for benching immediately. Cash or C. O. D. Poehlmann Bros., Morton Grove, Cook Co., Ill.

Roses, fancy extra select Brides, Perles and Maids, 3-in., 4c; the same in 2½-in. pots, including Meteor, 3c; Kaiserin, Wootton, Golden Gate, Belle Siebrecht, strong 2½-in., 4c. Cash.
South Side Floral Co., Springfield, Ill.

Rose plants. Good, healthy stock. Brides, Kaiserins and Bridesmaids, 2½-in., $3.00 per 100; $25.00 per 1000; 3-in., $4.00 per 100; $35.00 per 1000. Cash. M. A. Magnuson, 3309 No. Western Ave., Chicago.

Meteor rose plants, potted and repotted four times; vigorous and unusually fine. 3½-in., $5.00 per 100; $40.00 per 1000. Packed to safely ship any distance. Brant & Noe, Forest Glen, Chicago, Ill.

Forcing roses. Per 100. Brides and Bridesmaids, 2½-in., $2.75; 3½-in., $4.00; Perles and Sunsets, 2½-in., $3.00; 3½-in., $4.50. All other varieties. Send for lists.
National Plant Co., Dayton, Ohio.

Roses in fine condition. Bride, Bridesmaid, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100, 3½-in., $3.00 per 100. Cash with order. R. H. Murphey, Urbana, Ohio.

In 3-in. pots, nice and strong. Bridesmaid, Bride and Kaiserin, $4.00 per 100; $35.00 per 1,000. Mercer Floral Co., Trenton, N. J. Carl E. Taube, Proprietor.

Brides, Maids, Perles, Meteors, 2½-in., strong, $3.00 per 100. Cash. J. N. Kidd, St. Joseph, Mo.
See Smilax.

Extra fine, clean, growing stock of Brides, Maids, Meteors, Golden Gate. 4-in., $6.00; 3-in., $4.00 per 100. Beauties, 3-in., $5.00 per 100.
Carl Hagenburger, W. Mentor, Ohio.

Are done planting; have 2000 surplus Brides and Bridesmaids in 3-in. pots at $2.00 per 100 or $15.00 per 1000.
H. W. Wieland, Newtown, Pa.

To close out will make special price on roses in 2, 2½ and 3-in. pots. Send $1.00 for sample of what you want.
Geo. A. Kuhl, Pekin, Ill.

Strong and healthy, from 3½-in. pots, $5.00 per 100. Perles, Brides and Maids. H. E. Wilson, 134 Hayward Park, Rochester, N. Y.

Bride and Bridesmaid roses, out of 3-in. pots, ready for 4 inch, 2½c. Cook Bros., 2534 W. Mosher st., Baltimore, Md.

Bride, Bridesmaid, Etoile de Lyon, Meteor, $2.00 per 100; $20.00 per 1,000. Cash. Jos. Laihr & Sons, Springfield, Ohio.

Roses in 3-in. pots ready to plant, $4.00 per 100; $35.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Strong 3-in. Brides and Bridesmaids. A few hundred left at $5.00 per 100.
E. M. & H. N. Hoffman, Elmira, N. Y.

Kaiserin roses, grafted, 2½-in pots, $10.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

2,000 Salvias, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SEEDS.

Pansy Seeds. The Famous Diamond Strain, the best strain in the world of the German type of Pansy; largest in size and greatest variety of rich and odd colors. A trial will prove it. I have received hundreds of testimonials from florists who have used this strain, of which the following are samples:

From S. T. Maynard, Professor of Horticulture, at the Mass. Agricultural College, and Director of the Horticultural Department of the Hatch Experiment Station, Amherst, Mass.—"It gives me pleasure to say that your Pansy Seed, Diamond strain, is the finest we have ever grown."

From Harvey Bros., Salmon Falls, N. H.—"Please send us the price of your Diamond strain Pansy Seeds by the ounce. The plants we bought from you last fall were fine, the fanciest colors we have ever had. All our patrons said they were the best they had ever seen."

Price, over 50 distinct sorts and an endless variety of shades, all mixed. per oz., $5.00; ½ oz., $2.50; ¼ oz., $1.50; trade packet, $1.00. Cash with order.
L. W. Goodell, Pansy Park, Dwight, Mass.

Pansy seed. Plant now. Our "Connecticut" strain is unsurpassed, it has been grown for us by a leading specialist, $1.00 per trade packet; $6.00 per oz. Benary's "Non Plus Ultra," the best German strain, $1.00 per trade pkt.; $8.00 per oz. Cineraria Grandiflora, prize strain, tall, $1.00 per trade pkt.; prize strain, dwarf, $1.00 per trade pkt. Calceolaria Hybrida Grandiflora, spotted and mottled, mixed, $1.00 per trade pkt. Asparagus Sprengeri seed, 50c per 100; $4.50 per 1,000. Clucas & Boddington Co., 342 W. 14th st., New York.

Cyclamen seed. Importation just received. Crop harvested May and June this year. The finest strain for florists' use, composed of all the newest and latest shades and productions. Write for our midsummer seed list.
E. H. Hunt, 76 Wabash Ave., Chicago.

Seeds for present sowing. Pansy, Florists' Mixture, ⅛ oz., $1.00; trade pkt., 25c. Primula, calceolaria and cineraria, trade pkt., 50c.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Allen's Defiance Mignonette, seed saved from special selected stock and all grown inside. Trade packets containing 2,000 seeds, $1.00. Chas. H. Allen, Floral Park, N. Y.

Zirnglebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. New crop seed ready July 1.
D. Zirnglebel, Needham, Mass.

Pansy seed. Fine strain, $4.00 per ounce. Trade pkt., $1.00. Daly Bros., Wholesale Florists, New Durham, N. J.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Special seeds for the florist and gardener. Send for wholesale catalogue.
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E. H. Hunt, 76-78 Wabash av., Chicago.

BUFFALO.

There is very much of a "sit down, fan yourself, go to the baseball game" feeling about those connected with the trade just now except those that have to work, and the writer is one of the latter.

W. J. Palmer, Jr., has gone to Lancaster to join the senior in building iron houses.

Mrs. David Newlands is busy removing her houses from Forest Lawn Cemetery, of which she has been a tenant for more than 20 years. She has secured a fine location on West Delavan avenue and will erect on it five houses. A $40,000 entrance will be built at the corner of Main and Delavan, and Mrs. D. will be nearly opposite. Such a grand cemetery deserves a fitting entrance as will now be built.

W. F. Kasting has rented a cottage at Crystal Beach, ten miles up the lake, and with his 2:15 trotter gets over the dirt roads in plenty of time for business.

It's no good talking about flowers—there is plenty for all the demand. Good sweet peas sell as well as anything and delphiniums make a pretty store decoration. The Japan lilies are most useful, as they make fine bunches for the late departed, which is the principal business at present.

We have light showers, then some sweltering days, and then a great wind. The last gusty time can be accounted for by the presence of Walter Mott and Harry Balsley; either one of them produces a great movement of hot air, but both of them at once evolves a hurricane.

We had an informal meeting of the Florists' Club one afternoon recently, and the result of the conference was important and unanimous, and when it has received the formal sanction of the club will be given to the world, and then I think some western energy will subside for a time, or we can send a message to the shady nooks of Mt. Greenwood and say, "Take a rest," and I feel sure that that placid, liquid, fascinating man will heed our

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advice, for fate is against him this time and he always knows enough to do the wise thing.

Mr. Fred W. Kelsey of New York is in town. Sorry I did not see Mr. Ludwig of Cromwell, Conn., a gentleman who superintends such a place as Mr. Pierson has is worth talking to.

Pan-American News.

Frequent heavy showers have been a great help to the trees, shrubs and grass. The large area situated between the Elmwood avenue and the Park entrance, which has been laid out in hundreds of beds mostly to receive exhibits, is now assuming a most beautiful appearance. Under the energy and skill of Mr. Ulrich, what was a few weeks ago a most forbidding waste of clay is now covered with a velvety lawn.

No expense is spared in preparing the beds for exhibits. They are excavated 15 inches and filled in with rich soil. The banks of the lakes and grand canal are as green as beautiful grass can make them. The Sunken Gardens, which lie between Horticultural Hall and the United States Building, are nearly completed and have a most grand effect. There are two sets of them, each 800 feet long.

The extent of the landscape features begins now to be evident and they are most lavish and diversified. Wherever shrubbery will adorn, it is planted, and between the shrubs the ground will be covered with herbaceous plants. To supply all these Mr. Ulrich has raised immense quantities of the leading sorts. W. S.

BOSTON.

Florists here do not amount to much nowadays, but we keep up the forms of business. The city retail traffic is probably more broken up proportionately than the suburban trade, delegates from which come to Park street every morning, buy what they want and go home quickly. He usually pays just about what he wants to and leaves loads of goods on the grower's hands for which he can not even get an offer. The street man is handling fruit. But the flower business shows a steady growth from year to year. More goods come in, more goods go out and more goods are left. Not so many are wasted, however, as there is now almost a system by which the residue is distributed among the city hospitals.

Prices depend much upon the good nature of the parties making the deal. Pretty hard work to get more than six cents for a rose or to buy them for less than half a cent, and pinks range from almost nothing to a cent. Sweet peas are on their highest ebb and can be bought by the boxful for a scandalously low price, which remark holds good for a large line of outdoor goods. Asters are beginning to get troublesome, but prices are kept up to one or one and a half cents yet. It looks as if they will become more numerous this year than ever, Paul Richwagen leading with 75,000 plants and several others coming in second with about half that number.

Absolutely no news. Houghton & Clark have reopened their Newport branch, putting one of their good men in charge. B. T.

RIVERTON, N. J.

Ball Game by the Benedicts and Bachelors.

The benedicts and bachelors of the establishment of H. A. Dreer Co., at Riverton, crossed bats, for the first time this season, on Saturday, July 7th, and as it was the first of a series it was strictly on its merits. In spite of the energy manifested by the bachelors they met their defeat by the score of 17 to 14, which they attribute largely to the presence of ex-Umpire Duffy, notwithstanding he never said "Beans."

Walter Mott proved himself a real artist at umpiring, although he did in one or two instances get balls and strikes confused, which would not have happened had he availed himself of the supply of Dreer's Bush Limas.

Too much cannot be said of Rice's catching. He proved himself fearless behind the bat, but for some reason could not find the ball when he came to bat. His great trouble was in misjudging the length of the bat; he evidently thought it as long as that much regarded whitewash brush from the fact that he struck at balls that went way wide of the mark and was called out by Umpire Mott.

Fatty Griffinburg proved himself a hard hitter but a poor sprinter.

Betz outrivaled Watkins at holding down first bag and Schuler made some grandstand plays at shortstop.

As a fielder Ruppert has no equal, but he is a very uncertain batter; however, this is quite natural, as it is very seldom you find both qualities in one man.

Peterson and Flynn, battery for the bachelors, put up a great game. Rogers took them off the bat with impunity; in fact, his playing has to be seen to be appreciated.

Karins, receiving poor support from the outfield, was knocked out of the box in the third inning, which occasioned the substituting of Sim. The change proved very effective, as the bachelors found it very difficult to locate the leather.

McDermott put up an unusual poor game, due, no doubt, to lack of practice.

Fred Vetters proved himself the real article on third base by playing an errorless game. Jim Flynn, an old retired player, started in with good intentions, but was obliged to retire at an early stage of the game owing to his inability to run the bases. This he would have overcome had the refreshments been served before the game; however, he redeemed himself by filling, without an error, the position of water carrier.

The fielding of Stenographer Rubricht was the feature of the game, making several phenomenal catches from deep center field.

After the game all hands partook of light refreshments provided for them by Chas. Stratton, which was served on the banks of Pompass creek. Peter Heiner acted as master of ceremonies and to while away the time related some of his thrilling adventures on the Pacific coast, from the effects of which he has not yet fully recovered.

J. J. K.

THE EAGLE PLUM.

We have received from Messrs. Baker Bros., Fort Worth, Texas, some fruits of their "everbearing and never-failing" plum, the Eagle. They were of good size and excellent flavor. They advise us that the orinigal tree now has its 28th successive crop and that ripe fruit can be gathered during from six to nine weeks.

KALAMAZOO, MICH.—The Kalamazoo Nursery and Floral Co., the organization of which was reported last week, and of which W. C. Cook is manager, have purchased 28 acres of ground adjoining the city limits upon which they will at once erect four houses, 100x10, for propagating purposes, to be followed by a cut flower range later. They intend to grow everything but fruit and shade trees.

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G. L. GRANT, EDITOR AND MANAGER.

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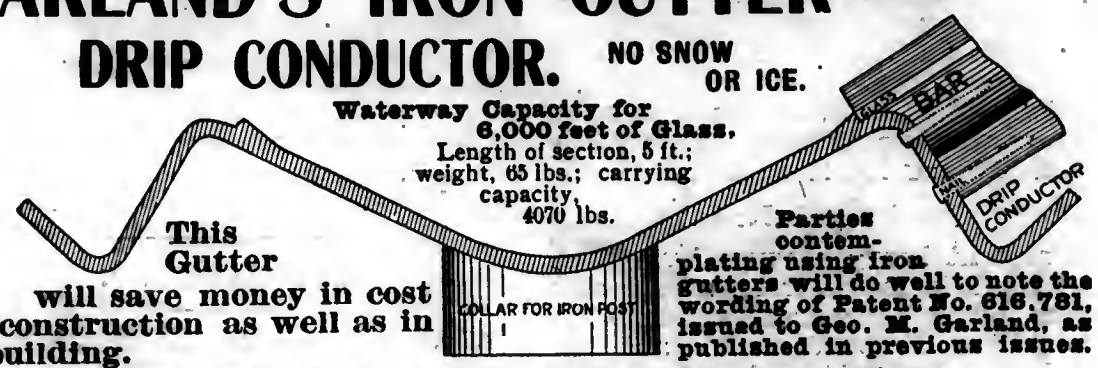
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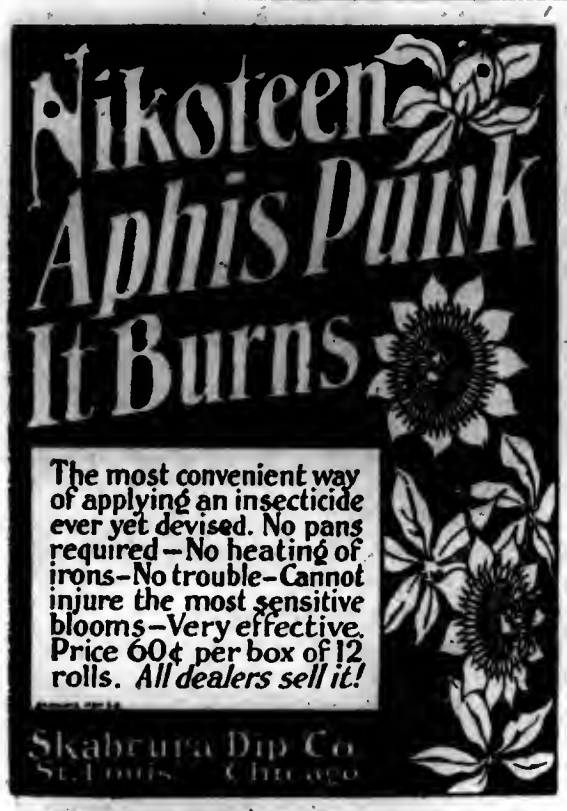
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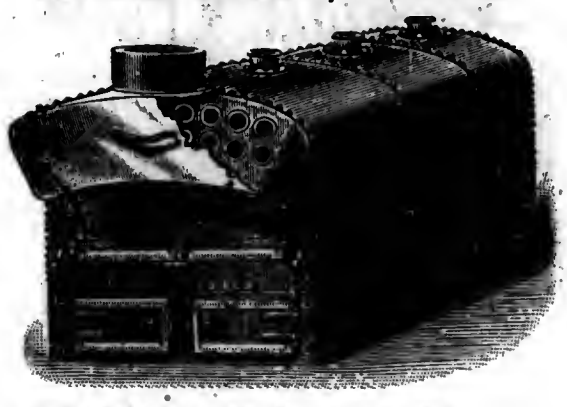
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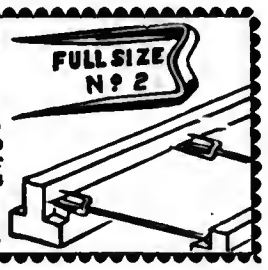
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The gentle maiden looked away
And sighed a little sigh,
And then she said: "You've skipped my nose,
O prythee, tell me why?
My cheeks, my ears, my eyes, my lips,
My throat, my brow, my hair
Are on your list—what ails my nose
That it should not be there?"

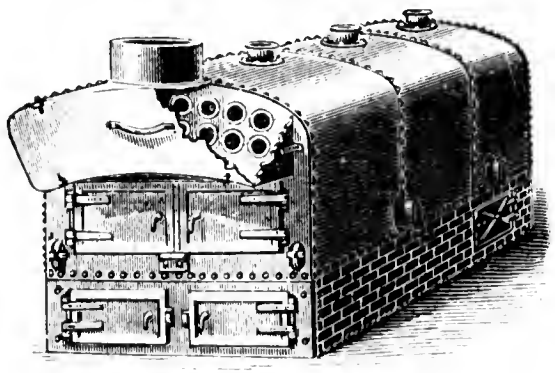
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"Rebellious sprays of maidenhair
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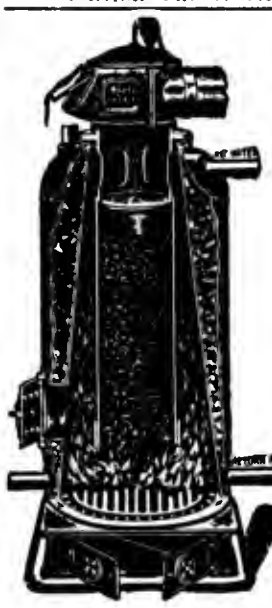
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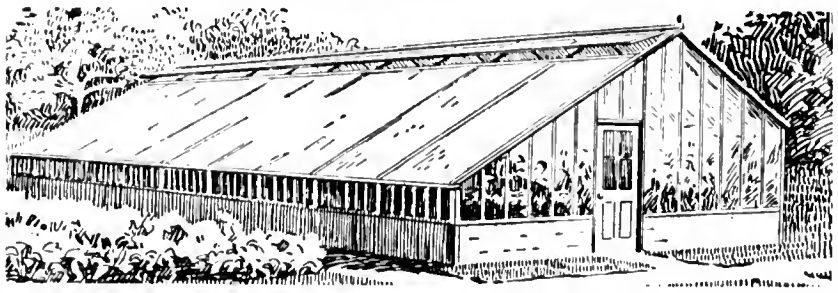
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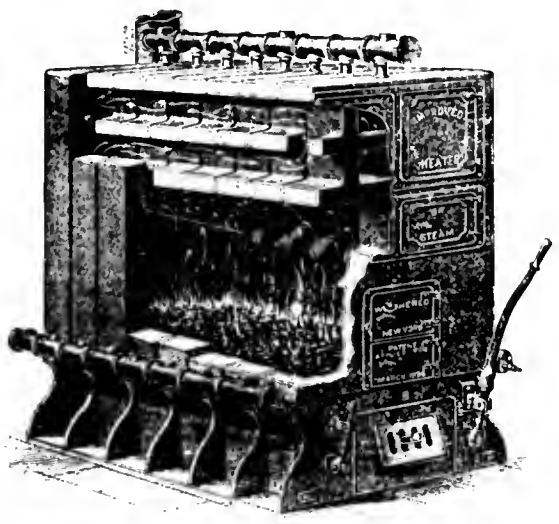
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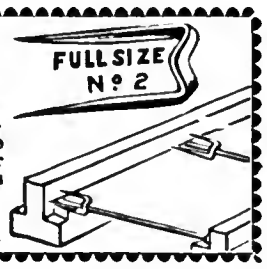
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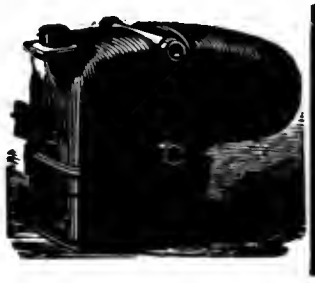
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

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"Your cheeks are roses red;
Your lips are honeysuckle, and
Each eye a pansy bed!
Your throat's a lily and your ears
Are dainty pinks and rare;
Your snowy brow is fringed about
With wreaths of maiden hair."

The gentle maiden looked away
And sighed a little sigh,
And then she said: "You've skipped my nose,
O prythee, tell me why?
My cheeks, my ears, my eyes, my lips,
My throat, my brow, my hair
Are on your list—what ails my nose
That it should not be there?"

"Your lips are honeysuckle and
Your ears are pinks," he said;
"Rebellious sprays of maidenhair
Are clustered 'round your head;
Each of your dimpled cheeks is like
A fragrant blushing rose—
As for your nose, fair maiden, it's
The loveliest thing that blows!"

ESTABLISHED 1802

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ROSES.

		Per 100	Per 1000
Brides	2½-inch.	$3.00	$25.00
"	3-inch...	5.00	45.00
Maids	2½-inch.	3.00	25.00
C. Soupert	2½-inch.	3.00	25.00
" "	3-inch...	5.00	45.00
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" " 4-in., **$20** "

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Arrived in excellent condition — Lælia purpurata, L. grandis tenebrosa and Oncidum Varicosum Rogersii. We have also on hand Cattleya Percivalliana, C. Mossiæ, Lælia Anceps and Lælia Autumnalis.

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Grower of.....**Areca Lutescens.**
Kentia Belmoreana.
Kentia Forsteriana.

THE RETAIL FLORIST.....

Flowers in Season.

Let us go to the market and see what there is to be got for the different classes of work we get this time of the year. And before we start let us remember that there are many lovely flowers we will not see on the market because they are too delicate or scarce, and for them we will have to visit the commercial "cranks" or the private gardens. There may be very little demand for flowers in the great cities just now, but it is extremely difficult to procure a good quality in almost any flower, and it is often the case that we have more trouble with the few orders now than the many at other seasons.

There is such a vast difference in the climate of almost every state of our Union, that from a floral point of view we might consider the most of them as being far away over seas. A flower may be in season in one State, long past or yet to come in another, and it is difficult to keep track of the average time of flowering. The New York market we feel sure is sufficient to generalize on.

Roses.

At the present time good roses are the most asked for. There are no outdoor roses here at present, but quite a few growers find it expedient to grow their Bridesmaids and Brides for the second year, and they are usually what the market depends on during June and July. The first crops of this year's planting are now coming in and some of them are fairly good. American Beauty is the finest. The top grade retails at $6.00 per dozen; shorter stemmed Beauties can be had at low prices, and they can be made to look just as good as the long for large bunches or baskets by wiring them onto outdoor grown rose stems, which are easily procured in every section.

Perles are being discarded, and it's a pity, for it is a beautiful rose. Last week there was quite a hunt after Perles and about 10 per cent of the number wanted was found. They were intended for basket work for a golden wedding. It was amusing to note how many colors were squeezed into some of the designs; they ranged through all the tones and effects from sulphur to darkest orange. Yellow and orange ribbons were used, where it was an easy matter to get and more appropriate to use gold tinsel gauze or ribbon.

Kaiserins will continue for some time to be the best white rose. The finest of them retail for $3.00 to $4.00 per dozen; other grades all the way down to 50 cents. As hinted at with American Beauties, fine funeral bunches can be made with short stemmed white roses by using plenty of outdoor rose stems.

Rose Arrangements.

You can do something beautiful and new this way: Get some long, clean branches of Rosa Wichuraiana or any of the fine foliaged climbers, spread them out in sheet fashion, have all ends meet in center, secure them by bands of white ribbon, tie in double short bow, get short stemmed white roses, put them on No. 23 wire and attach them to the branches, have the roses face up and fix them as if growing. No foreign or clumsy foliage should be seen. You can bend the branches, or weight them with green covered tinfoil balls attached beneath the end of stems. If you do this right you can make it a beautiful pall or cover for casket. It does away with the heavy, clumsy wire frame, and it will appeal to the people because it is a sheet of roses and appears more natural. You need not entirely cover the casket. Have it rich and simple and at different lengths at the sides. You can frame the head piece with them in like manner, permitting a short spray or two to hang inside whilst open.

This manner of arranging roses is the method of the future. Many will say it is not new, but nevertheless it is new when done properly, without adjuncts, and even in the matter of flat bunches, or wreaths, or for that matter any class of design, you can make finer work by using plenty of Wichuraiana sprays. They can be got almost anywhere, and keep in water for a considerable time; try them.

Other Roses.

Good pink roses are hard to get. Once in a while you may chance on a few Testouts or La France and can get $3.00 per dozen for them. Bridesmaids are poor and pale; the best sell at from $1.00 to $2.00. Meteors are coming in fairly good. Where you are asked for advice on a box of roses it is safest to suggest Beauties, Kaiserins and Meteors, or even the two latter, which go well together.

It's a pity Golden Gate lacks foliage; it will never be popular east on that account. The most of what we have seen in New York give the impression of a bunch of petals on a long stick. It is a very beautiful rose for work where you can fix it up with other foliage; it makes a handsome bouquet or wreath and would be a very popular rose if it had more clothes. This is the one case in art where the nude is a detriment. It has had quite a run in some sections among government office holders or sympathizers because it is called McKinley's favorite. Very few of them are grown for New York, and they are scarcely seen at present.

There are a few good Carnots coming in once or twice a week and are quickly bought up. Liberty is appearing, but as yet is not of great importance. There has been considerable of this variety planted in all sections of the country and it is sure to be very popular the coming winter, and good prices will be got for them. We would like to see the Lady Dorothea rose grown more than it is, and feel sure it would be a winner.

Other Flowers.

I would not advise anyone to bother just now about white orchids, for there would be trouble in getting them. Orange blossoms may be got in limited quantity and you may have to buy the plant right out. It doesn't pay to grow orange blossoms for cutting; the trees when fruited bring more. If you have a call for a flower like this it is worth from 50 cents to $1.00 a spray; it may cost you more than that to get it.

Stephanotis can be got in a few of the old private greenhouses and that, too, should retail at from 25 to 50 cents a cluster. It is the finest flower you could get now for bridal bouquets or sprays. Rhynchospermum jasminoides or Jasminum grandifiorum can be had from some of the old places, and they retail at $1.00 per dozen. Liberty or Meteor and the latter go well together. There is a limited supply of gardenias, and it is the swellest boutonniere you can make in many cases; you must charge 50 or 75 cents each for them.

Valley can nearly always be had and it is choice at all times, and appropriate for any occasion; you may buy it cheap betimes, but it is foolish to sell it for less than $1.00 or $1.50 per bunch. When good stock is scarce good prices should prevail. We believe in the policy of having two qualities; let your customers choose.

By far the choicest flower at present on the market is Cattleya Gigas. They should bring at least $12.00 or $15.00 per dozen; second grades, or Gaskellianas or Mossiaes, a few of which are seen, can be sold for less. The greatest care should be taken not to mix cheap flowers with cattleyas; nothing but the finest of valley or roses should be put near them. Their beauty is of a more refined type than that of all other flowers and the peo-

ple appreciate them more if special care be taken in handling them. If you can get cattleyas, advocate them for every class of fine trade.

Carnations, with a few exceptions, are poor. A bunch of white is always handy for boutonnieres or funeral boxes, and even a bunch of Scotts help to fill up or can be made pretty for center bowl; 50 cents per dozen for the cheaper grades, 75 cents or $1.00 for fancy.

Never were so many sweet peas grown, and never were the varieties prettier, yet the vast majority are of the poorest sorts and short stems. We badly need a change in the method of bunching sweet peas. It is sad to look at the miserable bunches which come into the market by thousands, just a dozen scrawny little flowers in a bunch. These flowers should be put up 25 or 50 in a bunch, then they would look like something. These flowers help many a florist out of difficulties. They are cheap and if of good stem and color are good to have in stock.

Wreaths of Sweet Peas.

There are few designs prettier than a well made wreath of lavender sweet peas, and a good price can be got for it. Green the wreath back and front with Asparagus Sprengeri. Stem your flowers, some short, others long, 3 or 4 on a stick. Make the wreath almost solid with short ones, then top off with long ones. Make the wreath round down to the counter and have no green showing but a small fringe of adiantum beneath the bottom layer. Incline your flowers to meet, laurel-wreath like, and tie with strictly accurate shaded or white taffeta ribbon. A very good effect can be got by using dark indigoes, which have become popular. You can do finer work by using only one color in a design, be it purple, lavender or white, for males or old folks; delicate pink shades are permissible for children or young females. Whatever you do, try to avoid mixtures or skimpy looking work. These flowers are cheap; satisfy your customers.

Asters.

Asters are becoming prominent on the market. The purple ones make a fine wreath and it is about the best thing to recommend for shipping or lasting, and you should get from $8.00 to $12.00 for a good wreath of purple asters. Make them same as described for sweet peas, solid first and festoon after; this gives it a substantial and graceful appearance. Whatever you do, don't give the impression that galax leaves are the only thing to recommend for long distances. Many do this because they are cheap and easy to work up. Asters are more beautiful, and the thing that is most beautiful is sure to give greatest satisfaction.

Aquatics.

Water lilies form an important item in the New York market. They are very beautiful in wreaths, exclusively or mixed, or for steamer work, or table decorations. They have a cooling effect on the table. If the outer petals are taken off and a few blue corn-flowers are mixed between a pretty bowl for center decoration can be fixed with them. Water lilies are most appropriate for breakfast, lunch or evening meal; they are just the thing for an al fresco affair. If you have any miniature lakes to fix up or have any decorations to do for any sort of nautical event, use aquatic flowers exclusively. You can get all the colors you want; blue water hyacinths; pink, white or yellow water lilies; and nothing is finer than the lotus. Very little green, and that if possible of their own foliage, should be used with aquatics. You might use fancy caladiums, either as floating leaves or for edging; the colors blend well with nymphaeas. IVERA.

MISCELLANEOUS SEASONABLE HINTS.

Azaleas, Etc.

This is a good time to give your azaleas and other hard-wooded plants that are plunged out in frames a good mulching. Last year we used well rotted cow manure and added a tenth of sheep manure, putting on a good inch over the surface. I am sure it is of the greatest benefit to all these plants, and the strong growth was noticeable on azaleas, acacias, etc.

A good man should look after these plants; not one who will say, "I didn't think they wanted a watering, they looked damp." They want faithful watering and after they are watered a thorough syringing. All this is done with a hose here and is only a pleasure. It is not the laborious donkey work that they make of it in the fat and flat lands of Belgium. The wooden shod natives of Belgium get there all right in growing fine plants, there is no discount on that, but they are serfs and beasts of burden compared with our young men, and our young men ought to realize it and put their best foot and brain power forward all the time for their employers, for they get three times as much for their labor and skill.

Orchids.

There are two common orchids that I have noticed sweltering in greenhouses of late that would be much better out of doors. They are Cypripedium insigne and Coelogyne cristata, both most useful. We used to think C. insigne so common and subdued in color that it was not of great value. We are very much of a different opinion. It has all the qualities to make it commercially the peer of any commercial orchid in spite of its being so largely grown and comparatively cheap at times. Both these orchids have made their growth and will do finely out of doors in the shade. The sun up till 9 a. m. and after 5 p. m. will do them good and sufficient syringing to keep the moss green and growing. When you see the sphagnum growing you have got the conditions just right.

Violets.

Presuming that you planted your violets last month, which many did, including the writer, the principal object now is to avoid red spider. You may say, "Oh, spider is easily kept down." Mind it is by a faithful and scientific syringing every morning. By a scientific syringing I mean just what I say, for there is the same skill required to handle the hose that is demanded in the skillful handling of the billiard cue or hammerless Parker, and not at all strange is it that the same individual is good at all of them (Darby road for instance).

Moist weather does not keep down spider, nor a thunder storm, for it washes the upper surface of the leaf, and since the days that red spider and all the plant suckers were a new thing on earth and protoplasm existed, the insects have found the under part of the leaf is the proper resort. A good attack of red spider on your violets will cost you many dollars.

Carnations.

The very important operation of filling your carnation benches is now in order. Planting should begin early in August. We do not put our soil into a pile and chop it over, but plowed it up 4 inches deep in early spring and plowed it three times since. A month ago we spread over a light dressing of rotten stable manure. This week we have sown on the bone flour.

It is not so easy to get at the right quantity as by spreading it on the benches, but it is much easier to do. Well harrowed in, then plowed again just before carting to the houses and with the handling that it then gets it is far better incorporated with the soil



Conservatories of Mr. Chas. J. Osborn, Mamaroneck, N. Y.
[Erected by Lord & Burnham Co., New York.]

than you can possibly do it in the house. It is also more decomposed and in better shape to be taken up by the roots. You can by a little calculation get at the right quantity, and you are not likely to err on the side of an overdose. When kept moist there is no danger from bone.

WM. SCOTT.

ENGLISH IVY ON TREES.

On the grounds of which I am in charge there are a number of fir trees with trunks from one to two feet in diameter, over 100 feet high and with the first branches 30 to 50 feet from the ground. English ivy has been planted at the foot of each tree and is now about 25 feet up the trunks. I am told that the ivy will eventually kill the trees. Will the ivy do any injury to the trees? There is certainly no indication of any damage as yet. OREGON.

Yes, English ivy, or any other vine growing up a tree will, if vigorous enough, eventually injure or kill the tree by smothering it. This contingency is, however, rather remote in trees of such size as indicated by your correspondent, and may be obviated by checking the growth of the ivy at the line of the branches of the trees.

J. A. PETTIGREW.

"ANOTHER GOOD MAN GONE."

The large attendance at the funeral of Mr. H. Dale, of Brampton, Ont., on the 17th inst., both of florists and townspeople, showed in what high estimation he was held by them and the large number of floral tributes expressed the sympathy and respect of those unable to attend.

The employes, who will feel his loss very keenly, had made up an immense and magnificent pillow of roses 4 feet across. There was also a broken column of white carnations and Meteor roses, from the Canadian Horticultural Association; a pillow, from the Toronto Gardeners' and Florists' Association; a wreath, from Buffalo friends; a wreath, from Montreal friends; star, from J. Gammage & Sons, London; cycas wreath, from C. Scrim, Ottawa; wreath, from S. Tidy & Son, Toronto; wreath, from Mr. and Mrs. J. H. Dunlop, Toronto; bunch of American Beauties, from R. Jennings, Brampton; anchor, from A. Gilchrist, Toronto Junction; anchor, from D. Roe, Georgetown; and several others, which made altogether a display fit for a king.

And Harry Dale was a king among florists and a leader in the profession. He will be missed more than any other man in it could have been. Any one who knew him can fully endorse the remarks made by Mr. Wm. Scott in your last issue.

About 25 members of the trade came up from Toronto, several from Hamilton, London, Berlin and other places. E.

SOCIETY OF AMERICAN FLORISTS.

M. H. Walsh, Woods Holl, Mass., registers new rose "Debutante," a seedling of Wichuraiana crossed with Baroness Rothschilds; flowers pink, double, fragrant, produced in profuse clusters. A climbing rose of unquestioned hardiness.

WM. J. STEWART, Secretary.

TROUBLES

Conducted by LEONARD LAWTON

Hydrangeas and Begonias.

J. J. L. asks: "Why do the leaves of hydrangeas turn white under ordinary treatment? Why do the blooms of tuberous-rooted begonias pucker and rust? They are grown in medium cool houses partly shaded."

Mr. Wm. Scott replies as follows: "I have frequently seen the leaves of hydrangeas turn a very pale green, almost yellow, while being forced. I am not certain of the cause but have attributed it to excessive forcing and a want of the proper stimulant and soil. They need a great deal of water when being forced any and if the soil is light and poor it is likely to produce this result. I have never noticed the trouble so much on those that are brought along to bloom the end of May. Hydrangeas want a heavy soil and well enriched and firmly potted.

"I have never noticed the blooms of tuberous begonias pucker or troubled with rust, but have often noted it on the leaves and have accounted for that by their being too shaded and perhaps too wet. If supplied with sufficient water at the roots these begonias do splendidly with us as bedding plants in the broad sun. Not but what they do a little better shaded from the hot afternoon sun. The ideal way to grow these for pot plants would be to have them in a very airy house ventilated on all sides and then shaded by a movable shade that need not be put on before 10 o'clock and can be taken off at 3. In the absence of this they want very little shade. I am pretty sure the cause of the trouble described is too close and too much shade and dampness. When I say that they do well out of doors it will give you an idea of what they most want and that is, air and light."

Business Troubles.

The great bulk of our business troubles seem to be due to little oversights and omissions, or doing the right thing at the wrong time or the wrong thing when the right one is just as easy. In the complaints that reach us we can read between the lines a story of great friction developed by sticking at trifles.

We recall the case of the dealer who lost forever the trade of a good customer by sticking out to the last for exchange charges of 15 cents on a draft he had made on the customer and which the latter declined to pay. He was correct in his position that the customer should pay the exchange for the bill was net, but he lost the amount a thousand times over by attempting to collect it. It is not wise to adhere to rules too rigidly when the amount is inconsequential and injurious friction is bound to result.

A florist in Kansas sent an eastern grower an order for plants remitting the required amount by postal money order. The order couldn't be filled in full and $3.00 was returned by check. The check was returned with the statement that it would cost 25 cents to collect it and that return remittance should be made in the same form in which it was sent. The check was again started west with sarcastic remarks as to the absence of banks in that section, etc. As a result a first class row developed and the Kansas man will never send another order to the party, while the latter is of the opinion that the Kansas man is a cranky individual.

Now it seems to us that the seller would have found it a good deal better for his own interests to have bought a money order and returned the $3.00 in that form even if he did feel irritated at having his check returned.

Another florist orders a few plants sent by mail. They are forwarded by express probably because the quotations were on the basis that the buyer was to pay carrying charges, or that the plants were too heavy to go by mail. The package fails to reach the one ordering. He complains and the shipper replies that his responsibility ceased with the delivery of the package to the express company. Doesn't even inform the consignee when shipped and by what company. A month having elapsed and the plants having no doubt perished in the mean time the buyer demands his money back and the shipper treats this demand with silent contempt.

In this case, if the package was correctly addressed the express company could be held responsible, and if not then the shipper should refill the order. Certainly he cannot afford to establish a reputation as one who ignores complaints.

It is noticeable that these complaints are rarely made regarding firms doing a large and growing business, and the natural inference is that such firms at once take steps to adjust any reasonable complaints. Probably that is one reason why their business is large and growing. It costs money to secure a customer and it's worth something to keep him, and certainly less costly than securing a new set every once in a while.

Business Letters.

Certain business letters that have recently been brought to our attention remind us of a suggestion once made by a nurseryman at one of the conventions. He said: "When you get a nasty, unreasonable letter from some business correspondent, sit down at once and write a reply that is just as nasty as you know how to make it. Be bitterly sarcastic, say all the wicked things you can think of, express your thoughts freely in every way. Then put it in a drawer of your desk over night. You will feel tremendously relieved when you have exhausted all this energy and the next day you will be in a frame of mind that will enable you to write a fair and even tempered reply that will make the other fellow feel ashamed of his hastiness."

We commend this plan. We even confess that we have tried it ourselves with very beneficial results.

Good Nature.

Good nature can be cultivated, and it frequently brings a higher price than fine flowers. Certainly a business cannot to-day be made a success by an ill-natured man. We recall an old-time florist who was very gruff and independent. A lady called and inquired the price of roses. He told her $3.00 a dozen. She thought she would try elsewhere, but, being unable to find what she wanted at any better price, returned to Mr. Gruff and said she would take what he had offered her. He replied: "No, madam; you had your opportunity before. Now you haven't money enough to buy them." This man did a fair business in early days when competition was light, but though his stock was always good, he was finally pushed to the wall through the advent of good natured men, and died very poor.

Another old-timer was said to be possessed of a frightful temper, but the husband of one of his customers taught him ability to control himself. She wanted a bouquet made in some particular way and was rather fussy about it. The florist finally became enraged and threw the half-finished bouquet the length of the store, exclaiming, "Madam, you don't know what you want! There's the door." The lady happened to be in delicate health and the shock proved serious. A few days later a muscular man called upon the florist and extracted from him an abject apology under threat of breaking every bone in his body, and then went away determined to injure his trade to the limit of his power. That florist eventually lost all his trade and was obliged to work for others for half what he had once paid for house rent.

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TROUBLES

Conducted by LEONARD LAWTON

Hydrangeas and Begonias.

J. J. L. asks: "Why do the leaves of hydrangeas turn white under ordinary treatment? Why do the blooms of tuberous-rooted begonias pucker and rust? They are grown in medium cool houses partly shaded."

Mr. Wm. Scott replies as follows: "I have frequently seen the leaves of hydrangeas turn a very pale green, almost yellow, while being forced. I am not certain of the cause but have attributed it to excessive forcing and a want of the proper stimulant and soil. They need a great deal of water when being forced any and if the soil is light and poor it is likely to produce this result. I have never noticed the trouble so much on those that are brought along to bloom the end of May. Hydrangeas want a heavy soil and well enriched and firmly potted.

"I have never noticed the blooms of tuberous begonias pucker or troubled with rust, but have often noted it on the leaves and have accounted for that by their being too shaded and perhaps too wet. If supplied with sufficient water at the roots these begonias do splendidly with us as bedding plants in the broad sun. Not but what they do a little better shaded from the hot afternoon sun. The ideal way to grow these for pot plants would be to have them in a very airy house ventilated on all sides and then shaded by a movable shade that need not be put on before 10 o'clock and can be taken off at 3. In the absence of this they want very little shade. I am pretty sure the cause of the trouble described is too close and too much shade and dampness. When I say that they do well out of doors it will give you an idea of what they most want and that is, air and light."

Business Troubles.

The great bulk of our business troubles seem to be due to little oversights and omissions, or doing the right thing at the wrong time or the wrong thing when the right one is just as easy. In the complaints that reach us we can read between the lines a story of great friction developed by sticking at trifles.

We recall the case of the dealer who lost forever the trade of a good customer by sticking out to the last for exchange charges of 15 cents on a draft he had made on the customer and which the latter declined to pay. He was correct in his position that the customer should pay the exchange for the bill was net, but he lost the amount a thousand times over by attempting to collect it. It is not wise to adhere to rules too rigidly when the amount is inconsequential and injurious friction is bound to result.

A florist in Kansas sent an eastern grower an order for plants remitting the required amount by postal money order. The order couldn't be filled in full and $3.00 was returned by check. The check was returned with the statement that it would cost 25 cents to collect it and that return remittance should be made in the same form in which it was sent. The check was again started west with sarcastic remarks as to the absence of banks in that section, etc. As a result a first class row developed and the Kansas man will never send another order to the party, while the latter is of the opinion that the Kansas man is a cranky individual.

Now it seems to us that the seller would have found it a good deal better for his own interests to have bought a money order and returned the $3.00 in that form even if he did feel irritated at having his check returned.

Another florist orders a few plants sent by mail. They are forwarded by express probably because the quotations were on the basis that the buyer was to pay carrying charges, or that the plants were too heavy to go by mail. The package fails to reach the one ordering. He complains and the shipper replies that his responsibility ceased with the delivery of the package to the express company. Doesn't even inform the consignee when shipped and by what company. A month having elapsed and the plants having no doubt perished in the mean time the buyer demands his money back and the shipper treats this demand with silent contempt.

In this case, if the package was correctly addressed the express company could be held responsible, and if not then the shipper should refill the order. Certainly he cannot afford to establish a reputation as one who ignores complaints.

It is noticeable that these complaints are rarely made regarding firms doing a large and growing business, and the natural inference is that such firms at once take steps to adjust any reasonable complaints. Probably that is one reason why their business is large and growing. It costs money to secure a customer and it's worth something to keep him, and certainly less costly than securing a new set every once in a while.

Business Letters.

Certain business letters that have recently been brought to our attention remind us of a suggestion once made by a nurseryman at one of the conventions. He said: "When you get a nasty, unreasonable letter from some business correspondent, sit down at once and write a reply that is just as nasty as you know how to make it. Be bitterly sarcastic, say all the wicked things you can think of, express your thoughts freely in every way. Then put it in a drawer of your desk over night. You will feel tremendously relieved when you have exhausted all this energy and the next day you will be in a frame of mind that will enable you to write a fair and even tempered reply that will make the other fellow feel ashamed of his hastiness."

We commend this plan. We even confess that we have tried it ourselves with very beneficial results.

Good Nature.

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the second Monday in August. But, there, we are forgetting. The house committee, under the superintendence of John P. Cleary, did its best to dispel the sultry atmosphere. Mr. Cleary urges all intending to exhibit their goods at this convention to notify him at once.

It will be a mistake, and he will have cause to regret, who does not attend and, if possible, bring his family to this city on the occasion of this great convention. The Florists' Club is determined to wipe out all records, and you being there will help them to do it.

Bowling.

The great international bowling tournament just finished over in Hoboken was very successful. Philadelphia sent the only florist team to compete. There were no less than 71 teams competing in the strike and spare match. The Fidelia Club, of New York, won with a score of 898, five men, one game. The Philadelphia florists were in the 28th place by a score of 756. Following are the names of the team and their score: Geo. Moss (Capt.), 126; D. P. Connor, 139; John Walker, 165; L. H. Johnson, 132; L. Peterson, 194; one game, strange alley, no practice ball.

The writer, with President P. O'Mara, went over to see what the Phillies could do and to wish them luck; we found the boys were chaperoned by the veteran John Westcott. The day was intensely hot and the scores were good under the circumstances. Mr. Johnson rolled in several other classes; the result of his efforts is yet in doubt.

Bowling scores in New York Monday afternoon were:

Traendly	144	138	138	Manda	97	156	168
Schenck	160	137	130	Burns	156	144	117
Small	157	130	139	Butterfield		114	153
Roehrs	141	141	166	Lang		164	166
Troy	121	130	80	Herrington		95	102
				Donlan			113

The Geo. M. Stumpp Bowling Club rolled the following scores Saturday, July 21:

G. Stumpp	163	189	203	Haussler	150	178	188
Schreinck	149	167	198	Link	146	182	174
Hoffman	169	167	171	Schafer	144	141	176
E. Stumpp	174	168	178				

CHICAGO.

The Market.

The market is taking its midsummer nap and is slumbering quietly. Few roses and carnations are coming in and they are equal to all demands. The best Brides and Maids bring $4 and from that prices range down to zero. The best carnations now coming in are from plants in the field. The top grade of these bring $1.00 a hundred, the great bulk going at 50 cents and from that down to nothing. Asters are more plentiful and lower in price.

Several dealers report the quality of the roses coming in as unusually good for the season.

The market is still full of sweet peas and the variations in quality are remarkable. Dealers say it is a mistake to send in two days' picking at one time. They say they stand a much better chance to move them to advantage when they are kept coming in regularly every day. And having them reach the market a few hours after picking is very important. The difference in those picked and delivered to the market the same morning and those that have been picked over night is very marked. The latter stand little chance of being sold.

Tuesday there was a steady downpour of rain and this will probably cut down the supply for a day or so. But it won't pay to send in any flowers unless they are first class. As one result of the rain sales were poor everywhere in the city on that day.

Budlong is receiving some good auratum lilies and they sell very well.

Smilax is very plentiful and it moves very slowly.

Various Items.

Full details regarding arrangements for the trip to the New York convention will be found elsewhere in this issue.

McKellar & Winterson are giving their establishment the annual cleaning, repainting, etc.

E. C. Amling seems to be keeping cool and comfortable in his marble lined and mosaic floored summer garden.

Peter Reinberg has rearranged his city salesroom so as to considerably increase available space.

Bowling.

The following scores were made at Anson's alleys on Friday, and if the boys could keep up this gait we might keep some of the prophets guessing. The next games will be rolled at Mussey's, Friday:

	1	2	3	4	Tot.	Av.
Winterson	222	186	158	...	566	189
Hauswirth	196	199	148	...	543	181
Asmus	168	197	170	175	710	178
Degnan	187	159	182	...	528	176
Balluff	144	187	199	156	686	172
Kreitling	143	189	154	...	486	162
Wilson	126	145	138	...	409	136

The result of the above games made several changes in the positions for place on team, which are as follows:

	Games.	High.	Total.	Av.
Asmus	12	197	2126	177
Winterson	12	230	1984	165
Balluff	12	199	1915	160
Degnan	12	187	1826	152
Hauswirth	12	199	1806	151
Stollery	9	173	1307	145
Wilson	12	163	1730	144
Kreitling	12	189	1652	138

CHICAGO TO NEW YORK.

The Chicago Florists' Club's Committee on Transportation to the New York Convention of the Society of American Florists, to be held Aug. 21, 22, 23 and 24, has arranged with the Lake Shore and Michigan Southern Railway for a special train, which will be vestibuled, and will contain as many Pullman sleepers as may be necessary, a buffet smoking car, a dining car and a day coach.

The running time of this train will be as follows:

Leave Chicago, 3 p. m., Sunday, Aug. 19.
Arrive Niagara Falls, 7:30 a. m., Monday, Aug. 20.
Leave Niagara Falls, 9:30 a. m., Monday, Aug. 20.
Leave Buffalo, 10:15 a. m., Monday, Aug. 20.
Arrive Grand Cent. Sta., N.Y., 9 p. m., Monday, Aug. 20.

The railroad fare for the round trip will be $26.70 on the certificate plan. The sleeping car fare will be $5.00 for a double berth to New York. But if sleeper accommodations are desired to Buffalo only, sleeper tickets from Chicago to Buffalo may be had for $3 00 and the remainder of the distance travelled in the day coach.

At Niagara Falls an hour will be devoted to a trip around the Gorge Route Electric Line, which on the American side runs for miles below the falls along the rapids, whirlpool, etc. Special trolley cars will await the arrival of our special train.

Those not wishing to take the trip through the gorge can devote their time to seeing the falls in any way they desire.

Returning from New York the members of the party have the option of returning by all rail route, or of taking the boat as far as Albany. And as a daylight ride up the Hudson is an exceedingly enjoyable trip, the majority will no doubt take advantage of it. The boat leaves New York, foot of Desbrosses street at 8:40 a. m. daily, reaching Albany at 6:10 p. m. A west-bound train leaves Albany at 10 p. m., which arrives Chicago at 9 p. m. next day.

Berths may be reserved in the special sleepers by addressing L. F Vosburg, City Passenger and Ticket Agent, Lake Shore and Michigan Southern Railway, 180 Clark street, Chicago, who will also supply any other information desired. Railroad tickets may be had at above address or at the Lake Shore Station, Van Buren street.

In reserving berths be careful to state whether you wish a berth to New York, or to Buffalo only, and mention that you desire to travel in the Florists' Special Train.

By vote of the Chicago Florists' Club the Committee was instructed to invite all florists in the west to travel with the Chicago party and to share the advantages secured by the Committee. We shall be pleased to have your company on this trip. The New York Convention promises to be a memorable one, and every florist who can possibly do so should go.

Please make your berth reservations as early as possible.

G. L. GRANT,
W. N. RUDD,
WALTER KREITLING,
} Transportation Committee, Chicago Florists' Club.

ST. LOUIS.

The Market.

Trade conditions remain unchanged. There is a good demand for good stock while the poorer grades have not much call just now. The cool weather of late has improved the young stock very much. The West End florists claim that funeral work is all the business they have now; some are painting and others are making alterations to keep themselves busy. The downtown florists have a little transient trade now and then but in general the trade is very dull.

In roses, Kaiserins have the lead at $4.00. Brides, as a rule, are poor with short stems, $2.00 and $3.00 is the price for the best. Some short-stemmed Beauties were sold at $4.00 and $6.00; choice stock of this rose is very scarce, in fact, none to be had. Maids and Perles are the same as Brides. Carnations are of poor quality and are not in much demand except whites, which are used for funeral work. Asters are improving in quality, the bulk of them are sold at $1.00 and some extra fancy ones bring 50 cents more per 100. Tuberose stalks are not over plentiful and sell fairly well at $5.00. Smilax sold well the past week.

The Picnic.

Everybody is talking picnic now and the trustees are doing everything to make the day one to be long remembered. The boat ride down the river will be a pleasant trip, and from all the talk there will be a very large attendance as everybody says they are going.

CYCLAMEN

Importation Just Received.
Crop Harvested May and June of this year.
.....STRICTLY NEW CROP.

SOW ONLY HUNT'S **Cyclamen Persicum Grandiflora,** The finest strain for FLORISTS' use, composed of all the **newest and latest shades and productions.**

WRITE FOR MID-SUMMER SEED LIST

CYCLAMEN PERSICUM GIGANTEUM, ALBUM—pure white, WHITE—carmine eye, ROSEUM SUPERBUM, CRIMSON KING, RUBRUM.

Our New Ribbon List, Ready July 21st. Something well worth the trouble of asking for.

Calceolaria, Primula, Cineraria, Pansy—all new, all excellent.

E. H. HUNT, CHICAGO. 76-78 WABASH AVENUE. .....Long Distance 'Phone Central 1751.

Mention The Review when you write.

Notes.

John Young and family will leave next Monday for Atlantic City, N. J., to spend the summer. John will, no doubt, take in the convention from there.

John Kunz put in last week fishing. John expects to open a new place this fall.

George Augermuller, bookkeeper for C. A. Kuehn, is off on a two weeks' vacation.

From the looks of things now only very few from here will attend the S. A. F. convention this year. Should Chicago be selected for the place for holding the convention next year, which we hope it will, St. Louis will be on hand to a man to make it the banner meeting in the history of the S. A. F.

At the next meeting of the club, on August 9, a large attendance is expected. Election of officers will take place; the secretary and treasurer will read their reports for the past year and other important matters will come up. President Ammann hopes that every member will be present to help make the last meeting over which he will preside a banner one.

Bowling.

The members of the bowling club rolled four games Monday night. The night was very hot and the rolling poor. The scores made were as follows:

	1	2	3	4	Tot.
Kuehn	178	140	172	167	657
Adles	132	131	177	141	581
Beyer	138	169	106	131	544
Beneke	133	152	107	104	499
Weber	155	138	147	...	440
Sanders	100	...	...	...	100

J. J. B.

CANADIAN HORTICULTURAL ASSOCIATION.

The third annual convention of the Canadian Horticultural Association will be held in Montreal on the 16th and 17th of August. Arrangements have been made with all the railroad companies having connection with Montreal for a fare and one-third for the round trip, on the certificate plan. You purchase a full fare first-class ticket at the starting point for Montreal, and take a certificate from your agent, showing that you paid full fare, and when countersigned by the secretary of the C. H. A. before the 20th of August, you will be entitled to a return fare for one-third what you paid at starting.

The following is a list of hotels in the immediate vicinity of the convention hall, where first-class accommodations may be had:

Windsor, Dominion Square, American Plan, $3.00 per day and up
Queen's, St. James Street, American Plan, $2.00 to $3.00 per day and up.
St. James', St. James Street, American Plan, $1.50 to $2.50 per day and up.
Carslakes, St. James Street, European Plan, $1.00 per day and up
Turkish Baths Hotel, St. Monique, European Plan, $1.00 per day and up.
Turkish Baths Hotel, St. Monique, American Plan, $2.00 to $2.50 per day and up.
Avenue House, McGill College Avenue, American Plan $1.50 to $2.50 per day.
The Oxford, University Street, American Plan, $1.00 per day.
The Savoy, Victoria Street, European Plan, $1.00 per day.

There are a half dozen first class cafes within five minute's walk from the convention hall, where meals may be had at from 15c to 25c as well as a la carte.

To the Florists of the United States.

Gentlemen: On the part of the members of the Canadian Horticultural Association I wish to offer you a most cordial invitation to attend our third annual convention at Montreal, which will take place on the 16th and 17th of August. I can assure you that it will give us great pleasure to fraternize with you on that occasion, and to reciprocate in the most ardent manner the very kind hospitality that many of us have received from you, when we have had the pleasure of attending the conventions of the S. A. F. in the different cities of your great republic.

You will notice that our dates have been arranged that our meeting will not clash with your own in New York, the following week. Many of us intend to be with you on that occasion, and we hope that a large number of your side of the line will make the round trip, and stay with us a couple of days before going to New York.

I will not attempt to enumerate the advantages and pleasure to be derived from such a trip. Just come and see for yourselves, and come in large numbers; we can accommodate you all.

Yours sincerely,
JAMES McKENNA,
President Canadian Horticultural Association.

LIBERTY, PA.—Paul Stark has purchased the greenhouse formerly conducted by J. H. Weeks and will add them to his plant. With this addition Mr. Stark hopes to be able to grow all the stock required by his rapidly increasing trade.

PLANTS AND ROOTED CUTTINGS.

	Per 100
Asparagus Plumosus, 2¼-inch	$5.00
Asparagus Sprengeri, 2-in.	3.00
" " 2¼-in.	4 00
Begonia Rex, 2¼-in	4.00
" " 3-in	6.00
" " 3½-in	8.00
Baby Primrose, 2¼-in	4.00
Coleus, fancy, 2¼-in	3.00
Cuphea (Cigar Plant) 3-in.	3.00
Cyperus (Umbrella Plant) 2¼-in	4.00

	Per 100
Dracaena Ind., 3-in	$6.00
" " 5-in	25.00
" " 6-in., extra.	50.00
Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in	6.00
Maurandya, 2¼-in	2.00
Fuchsias, 2¼-in. $3.00; 3-in.	4.00
Geraniums, Ivy, 3½-in	4.00
S. A. Nutt, Double Grant, La Favorite, Elizia, Glo. de France, etc, 2¼-in.	3.00
Happy Thought, 2¼-in	4.00
Double New Life, 2¼-in.	6.00

	Per 100
Heliotrope, 2-in., $3.00; 4-in.	$6.00
Hydrangea, pink and white, 2¼-in	5.00
Impatiens Sultani, 2¼-in	3.00
Lemon Verbena, 2-inch	3.00
Pansy Plants	1.50
Var. Trailing Abutilon, 2¼-in	4.00
Violets, Farquhar, 2¼-in.	2.50
" " 3in.	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00

ROOTED CUTTINGS. Per hundred.

Anthemis Cor., (Dble. Yellow Marguerite)	$1.50
Begonia Rex	2.00
Forget-Me-Not, winter flower	2.00
Geraniums, sweet, in variety	$1.50
Named	1.50
Happy Thought	2.00
Silver Leaf	1.50
Freak of Nature	2.50
Geraniums, Bronze	$1.50
Mrs. Pollock	2.00
Vinca	1.25
" per 1000	10.00
Snow Crest Daisy	2.00

Write us for prices on 1,000 lots. Terms—Cash or C. O. D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

AMERICAN CARNATION SOCIETY.

Carnations Registered.

By Dailledouze Bros., Flatbush, N. Y.—Carnation "Delight," a clear satin pink, midway between Daybreak and Mrs. Jas. Dean, without the slightest trace of purple. A profuse bloomer, and will make a commercial variety in every particular.

By E. A Nelson, Indianapolis, Ind. —Mrs. E. A. Nelson. In color a beautiful pink, a little darker than Scott. Calyx never bursts. Growth strong and healthy. Stem from two and one-half feet long, strong enough to hold the flower erect Flowers from three and one-quarter to four inches in diameter. Begins to bloom early and is a free bloomer.

ALBERT M. HERR,
Sec'y, Lancaster, Pa., for the American Carnation Society.

FREMONT, O.—Joseph Wetzel has purchased a half interest in the greenhouses of A. S. Horn and the business will be continued by the firm of Horn & Wetzel.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—By a good all around florist, capable of taking full charge of growing roses, carnations and general stock. 23 years' experience. Address R, care Florists' Review.

FOR SALE—300 feet of 4-inch cast iron pipe in good condition at 10c per foot. Address E. F. Overman, Wabash, Ind.

FOR SALE—Carmody hot water boiler, heating 1,500 feet of 4-inch pipe. Good shape. Price $50.00. E. P. Hall, Shelbyville, Ky.

FOR SALE—One stationary steam boiler, heating capacity 5,000 square feet of glass: and one coil boiler, heating capacity 4,000 feet of glass; all guaranteed in perfect condition. Address Geo. Stafflinger, Springville, N. Y.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

WANTED—Unmarried man to take small commercial greenhouses in Ohio on shares; pays well; good reason for wishing to place entire charge with good all 'round florist; none but the well recommended need apply. Hamlin, care Florists' Review.

WANTED—By August 1 or before, an experienced man; one who understands watering under glass; roses and carnations; will pay $35 a month to start. Fostoria Floral Co., Fostoria, O.

FOR SALE—Greenhouse boiler, 3x6 feet, upright; fifty-five 1¾-inch flues; water all around fire-box; cast-iron base; will heat 4,000 feet of glass or more; all in good condition. D. C. Noble, Columbia City, Ind.

WANTED—Rose grower, for section Maids and Brides; must be fully competent. Call or address Brant & Noe, Forest Glen, Chicago.

WANTED—A man who thoroughly understands growing roses, carnations and violets; who can also take charge of several men. References required. Address Salter Bros., Rochester, N. Y.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

FOR SALE—36 hot-bed sash, glazed, only used two months. $1.25 each. H. W. Wieland, Newtown, Pa.

FOR SALE—Four greenhouses, 12x70, with eight years' lease of ground; stock included; no rent first year; price $350. H. Millingar, Merchantville, N. J

FOR SALE—Extra good second-hand 3-inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—As foreman or manager; would run a place on shares, or rent. Place must be in good condition. Address 50, care Florists' Review.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT—Five Greenhouses, heated by steam; city water; cheap rent. Call on A. J. Harms, Agent, cor. Berteau and Western Aves., Harms Park, Chicago, Ill.

FOR SALE—Florist's business, greenhouses and stock, situated in one of the oldest settled towns in southern Michigan. One of the most encouraging places that could be desired; small at present but could be easily and quickly extended. An excellent opportunity for a practical man with small capital. Reason for selling, health. Address Business, care of Florists' Review.

WANTED—A good A1 man to grow roses, carnations, mums and general bedding stock; must be a good propagator. A steady place for the right man. State lowest wages, with board, to start with. C. Humfeld, Clay Center, Kan.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

A FIRST-CLASS MAN WANTS a position as foreman on a first-class place doing a general business, where first-class pay will be given for first-class work.
Address F. C. M.,
care Florists' Review.

FOR SALE.

FLORIST'S ESTABLISHMENT and Stock

In thriving manufacturing town of 13,000. 7,000 feet of glass; 4 houses; in good running order; little opposition; energetic man could do all the business in the district; good design trade; new steam boiler and heating plant. Satisfactory reasons for selling.

A. H. EWING, Berlin, Ont., Canada.

JOHN B. FERGUSON, Wholesale Florist,

444 Sixth Ave., PITTSBURG, PA.

LONG DISTANCE 'PHONE 2985.

We Command a Good Market. Consignments Solicited.

Cut Flower Exchange,

404 - 412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

FOR SALE.

FOR SALE. — On western coast of Michigan, 2 lots, 2 greenhouses, all modern appliances, in excellent condition. Good business location. Good opportunity for energetic man. Price **$2,200.00.** Write for particulars.

FOR SALE OR RENT. — Near Erie, Pa. Lot 100 x 150. Large two-story dwelling and four greenhouses almost new. Good glass and well heated. Excellent business location. Price **$2,000.00,** easy payments.

Any of the above named properties is a bargain and those desiring to purchase will do well to communicate with us. These are only a few of the properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 869.

FOR SALE.

1500 N. Cordata Compacta

in 2-inch pots, strong plants at $3 00 per 100. Also strong plants from bench, $2.00 per 100.

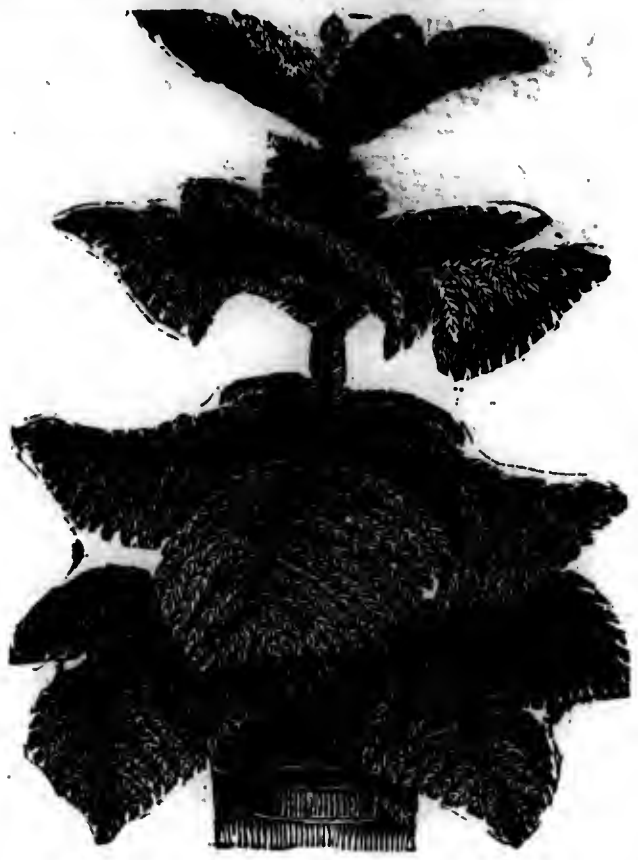
Chas. Schweigert, Niles Center, Ill.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

DREER'S Special Offer of SEASONABLE STOCK



ARAUCARIA EXCELSA.

ARAUCARIA EXCELSA. (Norfolk Island Pine.)

Our stock of these is exceptionally large, especially in small and medium sizes, for which there is always a strong demand.

4-inch pots,	6 to 8	inches high,	2 to 3	tiers	50	cts. each
4 "	8	"	3	"	60	" "
6 "	12 to 14	"	3	"	$1.00	"
6 "	16 to 18	"	4	"	1.25	"
7 "	20 to 24	"	4 to 5	"	2.50	"

ASPARAGUS SPRENGERI.

A fine lot of strong plants in

2-inch pots	$5.00 per 100,	$40.00 per 1000
4 "	1.50 per doz.,	12.00 per 100
6 "	4.50 "	35.00 "

ASPARAGUS PLUMOSUS NANUS.

A fine lot of thrifty young plants ready to pot up.

2-inch pots .....75 cts per doz., $6.00 per 100, $50.00 per 1000

FICUS ELASTICA. (Rubber Plant.)

4-inch pots,	10 to 12	inches high	$4.00 per doz.,	$30.00	per 100
6 "	15 to 18	"	6.00 "	50.00	"
6 "	20 to 24	"	9.00 "	75.00	"

For a full line of Decorative plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

HENRY A. DREER, 714 CHESTNUT ST. PHILADELPHIA, PA.

Mention The Review when you write.

DES MOINES, IOWA.

Trade is——, well, it is all that can be said of summer trade. We notice our friends in all parts of the country have much the same thing to say. We are too far from the convention city to get up much enthusiasm, so we content ourselves with reading accounts of the preparations in the far east.

Our genial friend J. Austin Shaw, of New York, formerly of Detroit (in 1899) and formerly of Omaha (in 1898), paid us a visit last week. He spent part of Sunday with the scribe and expressed himself as being agreeably surprised with the beauty of our city. We did not see the contents of his grip sack, but judging from his smiling countenance when he bade us farewell, we feel sure that he carried away several orders. J. T. D. F.

PREVENTION.

A grower I once visited had the ventilator openings of his mignonette house covered with mosquito netting to keep out the little buttterfly that lays the eggs from which the worms are hatched that are so fond of mignonette.

Cannot this "ounce of prevention" be generally used to advantage in the summer time? If some of the other insect pests can be kept out by this means it would certainly pay to fit all the houses in this way, placing screen doors also where necessary.

Has any one tried it? M.

Last Call. Don't Miss

the opportunity to display your horticultural goods, plants, seeds, supplies and knick-knacks

At the.....

Greatest Convention and Exhibition of the S. A. F.

to be held in New York, August 21st to 24th.

For space and terms apply at once to the manager,

JOHN P. CLEARY, 60 VESEY STREET, NEW YORK CITY.

PLANTS...

Celery, Tomato, Cabbage, Peppers, Etc.

Cheap in Large Lots.

J. S. LINTHICUM, WOODWARDVILLE, A. A. Co., MD.

Mention The Review when you write.

...TO CLEAN UP...

5,000 Geraniums, mixed, 2¼-in	$1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
1,000 Fuchsias, mixed, 2¼-in	1.50
2,000 Salvias, 2½-in	1.50

The MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

CHILLICOTHE, O.

That William McKellar, the florist and nurseryman, whose death was recorded in the Review last week, was most highly regarded by his neighbors is well shown by the words of sorrow and sympathy printed by the local papers. We print some extracts below.

After a lingering illness of eleven weeks, Mr. William McKellar passed to his final reward at 3:30 o'clock on Wednesday afternoon at his home on Eastern avenue.

He was first taken ill with la grippe, which finally terminated in athetosis, and with this disease the deceased had lain in an unconscious state during the last week of his illness. His sufferings were excruciating, and although the body was racked with pain, it was borne with the meekness and humility of a devout Christian, characteristic of the deceased during his long and useful life. Throughout his illnes he submitted to the inevitable with gentle resignation and at the last passed peacefully into that rest which knows no awakening. His death was but the crowning event of a Christian life, whose good deeds will ever live as a monument to his name.

In his death, Chillicothe loses one of her most enterprising citizens of whom it may be truly said the town was better for his having lived in it. He was a man of great integrity and his life's work in horticulture was an evidence of his great love for all that was dear to nature's God.

The deceased was born at Paisley, Scotland, January 31st, 1833, and consequently was in his 68th year. At the age of 14 he received his apprenticeship in horticulture under the Duke of Argyle and at 17 he came to America, locating in the East, where he lived for several years. Afterward he removed to St. Louis, remaining only a few years. From there he moved to Ironton and finally located in this city at the present homestead, where he has conducted his business successfully for the past thirty-seven years.

He was married to Mary Johnson at Ironton, October 3rd, 1859. His beloved wife preceded him to the great beyond about ten years ago.

The deceased leaves eight children and two brothers to mourn his demise. The children are Mrs. Theodore Miller, who resides at home, Mr. James McKellar, of Columbus, Mrs. John Hancock, of Columbus, Mr. Charles McKellar, of Chicago, Miss Daisy, Arthur and Oliver who lived at home and Albert, who is in the Philippines. All the children, with the exception of the last named, were in constant attendance at their father's bedside during his last illness and administered to his every want and need. His brothers are Mr. George McKellar, of Wheeling, W. Va., and Mr. Joseph McKellar, of Philadelphia, Pa.

BUTTE, MONT.

Trade has kept up well so far this summer, funerals being quite numerous.

Law Bros. have just completed three new houses, one 102x22 for carnations, one 102x22 for roses, and one 102x18 for violets. Young stock is looking fine. Mr. C. A. Johnson, salesman for Law Bros., is taking his vacation at Paris.

The Butte Floral Co., at Gregson Springs, have the new range completed and have secured Mr. Jacob Sites, of Colorado Springs, as their manager. L. B.

RIBBONS.

One of the neatest bits of printing we have seen is the new list of florists' ribbons recently issued by E. H. Hunt, Chicago. It is printed in three colors on enamelled paper, the composition is first class, and it contains a great deal of useful information regarding the line of goods listed. The pages are tied together with silk cord.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

Carnation Blooms...
In Unlimited Quantities, Shipped to all points.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Flora Designs. A full line of supplies always on hand. Write for catalogue and prices
1122 PINE STREET, ST. LOUIS, MO.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

LOOK! ....CLEARING SALE.... LOOK!

Grand Clearing Sale of Florists' Supplies.

To clean up surplus stock we offer the following: Will supply any amount desired at prices quoted, as long as stock lasts.

300 Bales Pressed Clean Sphagnum Moss, 60c per bale.
60 Bales Fresh Tobacco Stems, 200 lbs. to bale, $1.50 per bale.
1200 Cycas Leaves, Preserved, from 24 to 40-inch, equal proportion of each, $15.00 per 100
200 Artificial Palm Plants, assorted sizes, $4.00 per doz.

400 Lbs. White Cape Flowers, 80c per lb.
1000 White Pampas Plumes, $2.00 per 100.
1500 Colored Pampas Plumes, $5.00 per 100.
2000 Nest and Fancy Baskets, in assortments, $10 to $25 assortments.
1000 Reams Tissue Paper, best, 45c per ream.
300 Reams Wax Manilla Paper, medium, $1.40 per ream.

Ribbons, Wheat Sheaves, Bouquet Pins, Doves, Immortelles, Cape Flowers, Flower Vases and all Florists' Supplies at corresponding low prices.

CUT FLOWERS. FIRST COME, FIRST SERVED. CUT FLOWERS.

McKELLAR & WINTERSON, 45-47-49 Wabash Avenue, **Chicago.**

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3 00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	8.00
Golden Wedding.	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street,

BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Mention The Review when you write.

E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

Mention The Review when you write.

FOR

PALMS

Write to Walter Retzer & Co.

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

Choice Pot Plants, 1c Each.

We wish to give our customers the benefit of very low prices for a short time.

Geraniums, the choicest, most desirable varieties to be had, true to name. Bruanti (best semi-double scarlet), S. A. Nutt, Athlete, White Swan, La Favorite, Mrs. J. M. Garr, (best single white), Beaute Poitevine, American Wonder, Mrs. E. G. Hill, Mme. Bruant and others, $2.00 per 100, strong 2½-in.; Rose Geraniums and Mme. Salleroi, 1c each; strong 2-in.

Petunias, double fringed, in full bloom, Henderson's and Dreer's latest superb sets, strong 2-in. 1c each; really worth $1.00 per doz.

Fuchsias, choicest sorts, strong 2-in.; $1.50 per 100; fine 4-in. full bloom at 6c; 2½ and 3-in. at 2c.

Coleus, elegant named varieties, all beauties, 1c each, strong 2 and 2½-in.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c.

Salvias and **Giant Alyssum**, 1c.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay.

Smilax, strong 2-in., as fine as any you could wish, $1.50 per 100; $12.50 per 1000.

Roses, fancy extra select Brides, Perles and Maids, 3-in., 4c; the same in 2½-in. pots, including Meteor, 3c; Kaiserin, Wotton, Golden Gate, Belle Siebrecht, strong 2½-in., 4c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

GERANIUMS.....

Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Balley. All clean healthy stock from 2 and 2½-in. pots, at $2.50 per 100. Also Mme. Bruant from 3-in. pots, at $3.50 per 100.

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

CELERY and CABBAGE

CELERY. Pink Plume (extra strong), Golden Self-Blanching, Giant Pascal, Golden Heart, New Rose and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CABBAGE. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

KALE. Dwarf Green Curled Scotch, same price as Cabbage. If any of the above by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

POT GROWN Strawberry Plants

Ready now. Send for circular. We also have a large quantity of Herbaceous Plants and Nursery Stock. Catalogue free.

THE ELIZABETH NURSERY CO., -- Elizabeth, N. J.

Mention The Review when you write.

NOW.

Now is a good time to secure a copy of the Florists' Manual, by William Scott. You need it in your business. It is a book that will help you to save money and to make money. You cannot expend $5.00 in any better way. It is the best business investment you can possibly make. Start the new season in the right way—Mr. Scott's way. Let us have your order now.

OMAHA.

The florists' club of Omaha gave a picnic at Krug's Park on Friday, July 20. It was a grand success and from two in the afternoon until the last car for downtown it was one round of pleasure.

Krug's Park with its beautiful grove of trees was an ideal place for this event. With its donkeys (and these donkeys, same as others, will throw you), donkey carts, billiard and pool tables, the ladies were kept busy, for several of them are expert billiardists and as for riding—well, we're in Nebraska and the ladies can ride anything on four feet.

In the meantime two teams of five men each were chosen from the members with J. F. Wilcox from across the Big Muddy as captain of No. 1 and Lewis Henderson for No. 2. Wilcox's side succeeded in capturing every prize, of which there were seven; Mr. Wilcox captured three of them for himself, H. R. Davy and Charlie Stewart one each and their side two.

The summer meeting of the Nebraska Horticultural Society will be held at Geneva, on July 25 and 26. During the meeting L. C. Chapin will tell about hardy roses; Prof. Lawrence Brunner knows a little bugology and will try to impress us; L. Henderson will address the meeting on the "Advance of Fioriculture;" J. H. Hadkinson will read a paper on "Ornamental Planting as Developed by the Railroads," and G. W. Hervy will tell us what is "Nebraska's Duty at the St. Louis Fair."

This meeting will certainly prove one of the most interesting we have ever held. J. H. B.

BRAMPTON, ONT.

The executors of the will of the late Harry Dale have issued an announcement in which they state that the large business built up by Mr. Dale will be continued by them. Mr. Edward Dale will be foreman and all the old employes will be retained. The executors are Thos. W. Duggan, of Brampton, and Wm. Algie, of Alton. They will carry on the business under the name "H. Dale Estate."

Of the six new houses being added to the establishment this summer, two are 840 feet long, probably the largest greenhouses ever built.

INDIANAPOLIS, IND.

Mr. Francis Smith, father of F. Sydney Smith, has purchased the greenhouse property owned by Mrs. E. H. Poole, and operated by Baur & Smith. The purchase was made to enable them to establish their business on a more permanent basis, and to add to and improve the range of glass as the business may require. The old firm of Baur & Smith will remain in control as before.

YOUNG ROSE PLANTS

SPECIAL OFFER TO CLOSE OUT.

We have the following Rose Plants that are first-class in every particular, that we wish to close out, and we quote the following low prices to get rid of them quick:

2000	MAIDS	2½-inch,	$2.00	per 100
2000	MAIDS	3 "	4.00	"
1000	MAIDS	4 "	5.00	"
1000	BRIDES	2½ "	2.00	"
1000	BRIDES	3 "	4.00	"
500	BRIDES	4 "	5.00	"
2000	BEAUTIES	2½ "	4.00	"
8000	SMILAX	2 "	2.00	"

All Orders will be Shipped from Hinsdale.

BASSETT & WASHBURN,

Greenhouses, Hinsdale, Ill. Store, 76 and 78 Wabash Ave., CHICAGO.

Mention The Review when you write.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

AMERICAN BEAUTY, METEOR, BRIDESMAID, SAFRANO, BON SILENE, PERLE, KAISERIN, MAID OF HONOR, BRIDE,

3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

Grafted Roses. MAID OF HONOR, GOLDEN GATE, 3½-inch pots, $15.00 per 100. LIBERTY, 4-inch pots, $8.00 per doz.; 50 plants for $24.00.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

ROSES, GOLDEN GATES, thrifty stock, from 2½-inch pots, $4.00 per 100; $35.00 per 1000. BRIDESMAIDS, $3.00 per 100; $25.00 per 1000.

A Few Hundred PERLES, from 2½-in. pots, $3.50 per 100.

PHŒNIX CANARIENSIS, from 5 and 6-inch pots, $3.00 per doz.; $20.00 per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

ROSES - Brides, Maids, Perles, Meteors, 2½-in., strong, per 100, $3.00

FINE PLANTS.

SMILAX - Strong, 2½-in., per 100, $2.00; per 1000, $18.00

FOR CASH.

J. N. KIDD, ST. JOSEPH, MO.

Mention The Review when you write.

McKEESPORT, PA.—W. F. Dickinson is rebuilding four houses, two 20x100 and two 15x70, to be heated by steam. He will grow general bedding plants.

NEWARK, N. Y.—Mr. E. Alvin Miller, of Jackson & Perkins Co., accompanied by his wife, sailed from New York the 14th inst. on the Steamer Pennsylvania for Hamburg, intending to spend several months in Germany, Belgium and France. Mr. Miller is planning especially to visit the leading European rose growers.

Here is what we have left in..... **ROSES**

If you want them all or part write me:

1000	METEORS	in 2½ and 3s
2000	MAIDS	in 2½ and 2s
1000	PERLES	in 2½
800	LA FRANCE	in 2½
300	KAISERINS	in 2s
200	BELLE SIEBRECHT	in 2½
400	BEAUTIES	in 2½ and 3s

Make Your Wants Known.

Don't Forget BOSTON FERNS, 5-in.

23 Greenhouses---60,000 ft. of Glass.

GEO. A. KUHL, --- PEKIN, ILL.

ROSES. We have about 350 Maids and 350 Brides to offer. Strong, healthy 4-inch stuff.

About 150 POINSETTIAS, very strong plants, 1½ years' old. Also, 300 or 400 SMILAX, 3-inch pots. Address—

CHARLES FRUEH & SONS,

1116 Hoyt Street, SAGINAW, MICH.

SPECIAL OFFER.

RosePlants

To clean out and finish planting we have to offer the following 2½-inch rose plants:

5000 Meteors, - $20 per 1000
4000 Brides, - - $20 "

Will sell the lot for $135

This stock is clean and in good condition, especially the Meteors, which are very fine.

J. A. BUDLONG,
37 & 39 Randolph Street, - CHICAGO, ILL.
Mention The Review when you write.

Chrysanthemums.

5000 Ivory,
1000 Mme. F. Bergmann,

$3.00 per hundred **$25.00** per thousand

Also many other varieties in limited quantity.

NATHAN SMITH & SON,
ADRIAN, MICH.
Mention The Review when you write.

ROSES

in fine condition. Bride, Bridesmaid, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.
Mention The Review when you write.

METEOR ROSES

METEOR, 3½-inch pots, **$4.00** per 100; **$37.50** per 1000.

Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.

BRANT & NOE, Forest Glen, Chicago, Ill.
Mention The Review when you write.

STRAWBERRY PLANTS.

100,000 Pot Grown Plants. New and old varieties.

Send for circular.

JAS. McCOLGAN & CO.
ATLANTIC HIGHLANDS, N. J.
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Begonia... Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.
Mention The Review when you write.

CHINESE... PRIMROSES

50,000 Finest Large Flowering Fringed, per 100, $2.00; per 1000, $18.00
Obconica Grand. Fimbriata, Rosea and Forbesi, per 100, $2.00

ASPARAGUS { Sprengeri, $3.00 per 100. / Plumosus, 4.00 " | **PANSY SEED** Large Flowering, per oz., $4.00.

CINERARIA, August 20, $2.00 per 100.

☞Cash Please. **JOSEPH H. CUNNINGHAM, DELAWARE, OHIO.**
Mention The Review when you write.

JOHN WELSH YOUNG,
WHOLESALE GROWER OF
Pandanus Veitchii and Boston Ferns,
Upsal Station, Penna. R. R. GERMANTOWN, PA.
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IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.
Mention The Review when you write.

EDWARD B. JACKSON,
Wholesale Florist.
HARDY HERBACEOUS PLANTS ONLY.
In any quantity for the least money.
STAMFORD, CONN.
Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,
RICHMOND, INDIANA.
Mention The Review when you write.

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VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000.

New Imperial, best dark violet to grow, $3.00 per 100; $25.00 per 1000.

Roses—Meteors and Perles, extra fine stock, from 3-in. pots, $4.00 per 100; $35.00 per 1000; also Maids and Brides, 3-in. pots, same price.

CRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.

Carnations.

F. DORNER & SONS CO.
LA FAYETTE, IND.
Mention The Review when you write.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., ready for 4s, $4.00 per 100. Heliotrope, the very best dark blue, strong grower, new field-grown stock, plants full of cuttings, ready for 5-in. pots, $10 per 100. Coleus, newest and latest varieties, fancy colors in flats, large plants, $1.00 per 100. Cinerarias, superb strain, in flats, ready for shifting, $1.50 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.
Mention The Review when you write

CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

W. E. HALL, - - CLYDE, O.
Mention The Review when you write.

FIELD GROWN CARNATIONS
Orders booked now for fall delivery.
GEO. HANCOCK & SON, Grand Haven, Mich.
Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Trailing abutilon, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, Princess Pauline (latest blue), strong 2-in., 1c. Cash.
South Side Floral Co., Springfield, Ill.

If you read these advs. others would read yours.

ARAUCARIAS.

Araucaria excelsa. Our stock of these is large, especially in small and medium sizes.

Pot.	Height.	Tiers.	Each.
4-in.	6 to 8 in.	2 to 3	$0.50
4-in.	8 in.	3	0.60
6-in.	12 to 14 in.	3	1.00
6-in.	16 to 18 in.	4	1.25
7-in.	20 to 24 in.	4 to 5	2.50

H. A. Dreer, 714 Chestnut st., Philadelphia.

ASPARAGUS.

Sprengeri, 2¾-inch, extra strong, $5.00 per 100; 3-inch, extra strong, $7.00 per 100; 4-inch, very fine, $1.75 per doz.; 5-inch, very fine, $2.50 per doz. Our Sprengeri are extra heavy stock with sprays a foot or more in length and should not be compared with young stock usually sent out.
The Calla Greenhouses, Calla, O.

A. sprengeri, 2-in., $5.00 per 100, $40.00 per 1000; 4-in., $1.50 per doz., $12.00 per 100; 6-in., $4.50 per doz., $35.00 per 100. A. plumosus nanus, 2-in., 75c per doz., $6.00 per 100, $50.00 per 1000. H. A. Dreer, 714 Chestnut st., Philadelphia.

Asparagus Plumosus Nanus. Transplanted seedling plants, for July and August delivery, ready for 2½-inch pots, at $3.00 per 100; $25.00 per 1000; 500 at thousand ratea. Express prepaid. Cash with order.
R. Asmus, New Durham, N. J.

Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
J. B. Heiss, Dayton, Ohio.

Asparagus plumosus nanus, heavy 10-ft., strings. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

Asparagus plumosus, 2¼-in., $5.00; A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, 2½-in. pots, $4 per 100; $30 per 1000. 3-in. pots, $5 per 100.
Edw. J. Taylor, Southport, Conn.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

Asparagus Sprengeri, 2-in. pots, fine large plants, $2.00 per 100. C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-in., $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus Sprengeri, 2½c. Cook Bros., 2534 W. Mosher st., Baltimore, Md.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

ASTERS.

Fine, stocky plants from the field. Ostrich Feathers, Queen of the Market, Semple's, Victoria, Vick's and Truffaut's Perfection, 35c per 100; 300 for $1.00; $2.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Smilax and Vegetables.

Asters, Giant Comet (true) in pure white and lavender, pink and white, strong 2-in., 1c. Plant in bench, they'll pay. Cash.
South Side Floral Co., Springfield, Ill.

Paeony Perfection white; also Paeony Perfection mixed, and Victoria. Finest mixed, fine transplanted plants for 50c per 100 to close out the lot. H. S. Baker, Warsaw, N. Y.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, $4.00 per 100 by mail; $25.00 per 1000. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BASKET AND VASE PLANTS.

Russelia elegantissima. Grand new graceful basket or vase plant, rapid grower, always in bloom. Strong 2½-in. pot plants, 75c per doz.; $4.50 per 100.
The Calla Greenhouses, Calla, Ohio.

BEGONIAS.

Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
The Cottage Gardens, Queens, N. Y.

Begonia Rex, 2¼-in., $4.00, 3-in., $6.00, 3½-in., $8.00 per 100. Rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

2000 mixed begonias, 1000 Erfordi and 1000 red vernon in 2¼-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias. Strong 2½-in. plants. A. Neuner, dbl. white; Florescens, dbl. yellow; Hogarth, fl. pl., dbl. red; Pres. Garfield, dbl. pink; Humboldtii corymbiflora, mammoth single white; Pres. Cleveland, large fl. single scarlet, $4.00 per 100. Rosea multiflora, large fl. single rose; The Bride, large bright pink, white eye, single; Vreelandi, finest white, single; Elegans, scarlet, large trusses, single, $3.00 per 100. Nanz & Neuner, Louisville, Ky.

Send in your order now for a copy of the Florists' Manual.

BULBS.

First to arrive via Havre! We have advice of a large consignment of 12-15 centimeter White Roman Hyacinths, due to arrive in New York in about two weeks' time. Regular shipments do not come until end of August. If you want to get the "cream of the trade," and best prices for the flowers, by having them in the market at least one month earlier than usual, secure a portion of this lot at once. Although freight rates are much higher by fast steamer from Havre,, we are offering these bulbs at a price which makes them a secure investment for any florist to make money on. White Roman Hyacinth Bulbs 12-15 centimeter, per case of 2,000, $30.00; broken lots, $16.00 per 1,000. Just to hand for Christmas forcing: Freesia Refracta Alba (true.) 1st size, $5.00 per 1,000; extra size, $7.00 per 1,000; monster bulbs, $8.00 per 1,000. Clucas & Boddington Co., 342 W. 14th st., New York.

Harrisii. First shipment just received. Buy now and plant for early flowers. Bermuda Freesias, first size, 65c per 100, $5.50 per 1000; large bulbs, 75c per 100, $6.50 per 1000. Callas. Prime stock now in, early orders have first selection. Per 100, 1¼ to 1½-in. in dia., $5.00; 1½ to 1¾-in., $7.00; 2 to 2½-in., $9.00.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Freesia bulbs, for immediate delivery.
¼ to ⅜-inch diameter.....$0.75 per 1000
⅜ to ½-inch diameter..... 1.75 per 1000
½ to ¾-inch diameter..... 3.50 per 1000
The smaller bulbs will prove as satisfactory as the larger if planted early. Johnson & Musser Seed Co., Los Angeles, Cal.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Calla Bulbs. We offer our surplus of Callas, size 1-1½-in. diameter, at $1.75 per 100; $15.00 per 1000. Johnson & Musser Seed Co., Los Angeles, Cal.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Calla Sets, $2.50 per 1000. Add 15 cents per 1000 for postage. Germain Seed and Plant Co., Los Angeles, Cal.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CARNATIONS.

Orders now booked for fall delivery of field grown carnation plants. Geo. Hancock & Son, Grand Haven, Mich.

Carnations, novelties and standard sorts. Catalogue free. F. Dorner & Sons Co., LaFayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums, now is the time to plant them. We are offering extra fine, vigorous plants from 2 and 2½-in. pots. Everybody likes them. For varieties and price see display adv. in this issue.
H. Weber & Sons, Oakland, Md.

Chrysanthemums, Merry Monarch, Ivory, Montmort, Maud Dean, Philadelphia, Pennsylvania, Modesto, Niveus, L. Canning and many others, at $2.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

Surplus lot, strong, single stem plants. 650 Ivory 2½-in., 200 Bergman 2½-in., 100 Robinson 2½-in., $1.75 per 100, the lot $14.00.
Joseph F. Smith, Burlington, N. J.

5000 Ivory and 1000 Mme. F. Bergman, $3.00 per 100; $25.00 per 1000. Also many other varieties in limited quantity.
N. Smith & Son, Adrian, Mich.

3,500 Chrysanthemums. All the new ones of last year, $2.00 per 100.
James Morton, Clarksville, Tenn.

CINERARIAS.

Cinerarias. Superb strain, in flats ready for shifting, $1.50 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cinerarias ready Aug. 20th, $2.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CLEMATIS.

$3.00 PER 1000—CLEMATIS PANICULATA. Send for amples. Frank Jencek, 37 Webster St., Newport, R. I.

COLEUS.

Coleus. Newest varieties, fancy colors, large plants in flats, $1.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

Coleus, elegant named varieties, all beauties, 1c each, 2 and 2½-in. Cash.
South Side Floral Co., Springfield, Ill.

Coleus, fancy, 2¼-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

CYCAS.

Cycas revoluta stems, assorted sizes, 3 to 12 lbs., $8.00 per 100 lbs. while unsold. J. M. Thorburn & Co., 36 Cortlandt St., New York.

CYCLAMEN.

Cyclamen giant splendens, 2-½-in. pots, fine, strong, good plants, $4.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen. Fine, large plants, 3-in., ready for 4's, $4.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

Send in your order now for a copy of the Florists' Manual.

CYPERUS.

Cyperus alternifolius, 2½-in. pots, ready to shift to 4-in., $2.50 per 100, $20.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.
See Smilax and Roses.

C. alternifolius, 2½-in., $2.00 per 100. Globe Greenhouses, 53rd, Adams and Jackson Sts., Austin, Ill.

Cyperus (Umbrella plant), 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

DAISIES.

Anthemis (dbl. yellow Marguerite), $1.50 per 100. Snow Crest, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

DRACAENAS.

Dracaena indivisa, 3-in., $6.00; 4½-in., $25.00; 5-in., $35.00; 6-in., $50.00.
Greene & Underhill, Watertown, N. Y.

Dracaena terminalis, 4-in., $15.00 per 100. J. B. Heiss, Dayton, Ohio.

ECHEVERIA.

Echeveria Secunda Glauca, $3.00 per 100; Sempervivum Tectorum, $2.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

FERNS.

Fern Spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston Ferns! $5.00 per 100; $40.00 per 1000. Large plants from 50 cts to $3.00 each. Seedling Ferns, Pteris Cretica Albo Lineata, $1.25 per 100; $10.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

One hundred Adiantum cuneatum, 4, 5 and 6-in. pots, fine. The lot for $10.00. 50 Selaginella Emiliana, 2¼-in., ready for a shift, at 4c each. Cash with order. Jos. E. Bonsall, Salem, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Adiantum Cuneatum, 2½-in. pots, $4 per 100; 3½-in. pots, $6 per 100; 3½-in. pots, large plants, $10 per 100; selected plants, 3½-in. pots, $12 per 100. Edw. J. Taylor, Southport, Conn.

1,500 N. cordata compacta, strong plants, 2-in., $3.00 per 100; strong plants from bench, $2.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Adiantum Farleyense. Nice young plants, ready for a shift, 2½-inch pots, $10.00 per 100.
J. A. Peterson, Florist, 405 Race Street, Cincinnati, O.

Ferns for fern dishes. Tremula, Maidenhair, Pteris cretica lineata, $3.00 per 100; Pteris argyraea (silver fern), 4c.
McGregor Bros., Springfield, Ohio.

Boston Ferns, $10.00, $15.00 and $20.00 per 100. Good value. Cash with order. J. W. Howard, Somerville, Mass.

Ferns for jardinieres, in flats, $2.00 per flat. Boston ferns, 6c, 15c, 25c, 35c.
Bobbink & Atkins, Rutherford, N. J.

Adiantum Farleyense, fine stock, 6-in., 50c each. J. B. Heiss, Dayton, Ohio.

Fine Pteris tremula, 2-in., $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Boston ferns ready for 5-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

For Boston ferns write John Welsh Young, Germantown, Pa.

FICUS.

Ficus elastica, 4-in., 10 to 12 in. high, $4.00 per doz., $30.00 per 100; 6-in., 15 to 18 in. high, $6.00 per doz., $50.00 per 100; 6-in., 20 to 24 in. high, $9.00 per doz., $75.00 per 100.
H. A. Dreer, 714 Chestnut st., Philadelphia.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

FRUIT PLANTS.

Surplus for spring 1900. Can yet do peaches and Japan plums in limited quantity; also Miller red raspberry, Early Harvest blackberry, Lucretia dewberry, strawberries from best leading varieties. Prices for same given upon application. Milford Nurseries, Milford, Del. Alex. Pullen, Proprietor.

Pot-grown strawberry plants ready now. Send for circular. We also have a large quantity of herbaceous plants and nursery stock. Catalogue free.
Elizabeth Nursery Co., Elizabeth, N. J.

Moore's Early Grapes (genuine). Bearing vines, 2 yrs. trans., $2.00 per 100.
Chas. B. Hornor & Son, Mt. Holly, N. J.

100,000 pot-grown strawberry plants, new and old varieties. Send for circular. Jas. McColgan & Co., Atlantic Highlands, N. J.

FUCHSIAS.

Fuchsias, choicest sorts, strong 2-in.; $1.50 per 100; fine 4-in. full bloom at 6c; 2½ and 3-in. at 2c. Cash.
South Side Floral Co., Springfield, Ill.

Fuchsias, 2¼-in., $3.00, 3-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

1000 fuchsias, mixed, 2¼-in., $4.00. Cash.
Morris Floral Co., Morris, Ill.

GERANIUMS.

Geraniums, the choicest, most desirable varieties to be had, true to name. Bruanti (best semi-double scarlet), S. A. Nutt, Athlete, White Swan, La Favorite, Mrs. J. M. Garr, (best single white), Beaute Poitevine, American Wonder, Mrs. E. G. Hill, Mme. Bruant and others, $2.00 per 100, strong 2½-in.; Rose Geraniums and Mme. Salleroi, 1c each; strong 2-in. Cash.
South Side Floral Co., Springfield, Ill.

Geraniums. Per 100: Ivy, 3½-in., $4.00; S. A. Nutt, Dbl. Grant, La Favorite, Eliza, Gloire de France, etc., 2¼-in., $3.00; Happy Thought, 2¼-in., $4.00; Dbl. New Life, 2¼-in., $6.00. Rooted cuttings. Sweet, in variety, $1.50; Happy Thought, $2.00; Silver Leaf, $1.50; Freak of Nature, $2.50; Bronze, $1.50; Mrs. Pollock, $2.00.
Greene & Underhill, Watertown, N. Y.

Mme. Bruant, La Favorite, B. Pointevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey, all clean, healthy stock from 2 and 2½-in., $2.50 per 100. Mme. Bruant, 3-in., $3.50 per 100. New mammoth scarlet, Clyde, $3.00 per doz. W. E. Hall, Clyde, Ohio.

900 rose geraniums, 2½-in. pots; 500 assorted geraniums, 3-in. pots; 200 Mme. Salleroi, 3-in. pots, at $2.00 per 100.
James Morton, Clarksville, Tenn.

5,000 geraniums, mixed, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

HARDY PLANTS.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Fruit and ornamental trees, shrubs, vines and roses. Write for price list or send your lists of wants for special prices. W. & T. Smith Co., Geneva, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

HELIOTROPE.

Heliotrope. The best blue, new field-grown plants, full of cuttings, ready for 5-in. pots, $10.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

Heliotrope, 2-in., $3.00, 4-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

800 heliotropes from 2½-in., $2.00 per 100.
James Morton, Clarksville, Tenn.

HYDRANGEAS.

Hydrangea, pink and white, 2¼-in., $5.00 per 100.
Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

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Arrived in excellent condition, L. pupurata, L. grandis tenebrosa, and Oncidium varicosum Rogersii. Also on hand, Cattleya Percivalliana, C. Mossiae, L. anceps, and L. autumnalis. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Send in your order now for a copy of the Florists' Manual.

PALMS, ETC.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	.15	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Kentia Belmoreana. Seedlings, $40.00 per 1000; 2-in. pots, $60.00 per 1000. Also plants, from $1.50 to $8.00 each. Areca Lutescens Seedlings, $2.00 per 100; $18.00 per 1000. Pandanus Veitchii, fine large plants in 8-inch pots, $2.50 each. Pandanus Utilus, 8-inch pots, from $1.00 to $1.50 each. John Scott, Keap Street Greenhouses, Brooklyn, N. Y.

6 large Ficus elastica, 8 ft. high, 5 ft. in diameter, grown in tubs, $5.00 each. 6 large Latania borbonica, 5 ft. in diameter, grown in half-barrels, $8.00 each. 1000 Latania borbonica, from 2½-in. pots, $3.00 per 100.
James Morton, Clarksville, Tenn.

Fresh seeds and in fine condition. Kentia Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Phoenix canariensis, elegant stock, 4½ to 5-in. $20.00 per 100. Chamaerops excelsa, 5-in., $25.00, 4-in., $20.00 per 100. J. B. Heiss, Dayton, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

Phoenix canariensis, 5 and 6-in., $3.00 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Areca lutescens, Kentias Belmoreana and Forsteriana. Jos. Heacock, Wyncote, Pa.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Herr's pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100, 250 for $1.50, 500 for $2.50; by express at your expense $4.00 per 1000. A. M. Herr, Lancaster, Pa.

From seed bed $3.50 per 1,000. Cash. W. C. Jennison, Natick, Mass.

Pansy plants, $1.50 per 100.
Greene & Underhill, Watertown, N. Y.

PETUNIAS.

Petunias, double fringed, in full bloom, Henderson's and Dreer's latest superb sets, strong 2-in., 1c each; really worth $1.00 per doz. Cash.
South Side Floral Co., Springfield, Ill.

500 petunias, dbl. white, 2½-in., $2.00 per 100.
James Morton, Clarksville, Tenn.

POINSETTIAS.

150 strong poinsettia plants, 1½ years old. Chas. Frueh & Sons, 1116 Hoyt st., Saginaw, Mich.

If you read these advs. others would read yours.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS

PRIMROSES.

Chinese primroses. 50,000 finest, large flowering fringed, $2.00 per 100, $18.00 per 1000. Obconica grand. fimbriata Rosea and Forbesii, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Primula chinensis from flats, strong plants, six colors, mixed, $1.50 per 100; from 2-in. pots, $2.00 per 100. Cash with order. H. Stahlhut, New Lots and Shepherd Ave., Brooklyn, N. Y.

Primrose plants. Fine stock, ready for shifting, $2.00 per 100. W. B. Woodruff, Florist, Westfield, N. J.

Baby Primrose, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

Special offer to close out. We have the following rose plants that are first-class in every particular, that we wish to close out, and we quote the following low prices to get rid of them quick:

	Inch.	Per 100.
2000 Maids	2½	$2.00
2000 Maids	3	4.00
1000 Maids	4	5.00
1000 Brides	2½	2.00
1000 Brides	3	4.00
500 Brides	4	5.00
2000 Beauties	2½	4.00

All orders will be shipped from Hinsdale.
Bassett & Washburn, 76 and 78 Wabash Ave., Chicago.

TO CLOSE OUT.		Per-100.	Per 1000.
2000 Kaiserins,	3 and 3½	$3.00	$25.00
2000 Golden Gate,	3 and 3½	3.00	25.00
2000 Bridesmaids,	3 and 3½	3.00	25.00
1000 Meteors,	3 and 3½	3.00	25.00
500 Garrett,	3 and 3½	3.00	25.00
500 Brides,	3 and 3½	3.00	25.00
500 Perles,	3 and 3½	3.00	25.00
500 Mermets,	3 and 3½	3.00	25.00

500 Am. Beauties, 2½-in., $5.00 per 100, or $20.00 for the 500. These are all fine plants. Cash with order.
Mrs. J. W. Crouch, Chattanooga, Tenn.

New seedling rose "Winnie Davis." Every florist should grow this grand rose either as a pot plant or for forcing. The color is apricot pink shading to a flesh tint and the odor is as of delicious ripe fruit. A free and vigorous grower and bloomer, and color never changes in dark weather like most colored roses. Magnificent light-green glossy foliage. Strong, thrifty plants, 2½-in., $5.00 per doz.; $35.00 per 100. Nanz & Neuner, 582 Fourth av., Louisville, Ky.

Chris. Hansen, St. Paul, Minn., can fill your orders for cut flowers always on time.

Grafted Brides, Maids, A No. 1.		Per 100.
Grafted Brides and Maids....	4- in. pots,	$15.00
Grafted Brides and Maids....	2½ in. pots,	9.00
Meteors ..	4 in. pots,	8.00
Meteors ..	3 in. pots,	6.00
Meteors ..	2½ in. pots,	4.00
Perles and Sunsets	4 in. pots,	8.00
Perles and Sunsets	3 in. pots,	6.00
Smilax ..	3 in. pots,	3.00

ROSE PLANTS	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Only selected growths from flowering shoots used in propagating. American Beauty, Meteor, Bridesmaids, Safrano, Bon Silene, Perle, Kaiserin, Maid of Honor and Bride, 3-in., $7.00; 4-in., $10.00 per 100. Grafted roses—Maid of Honor and Golden Gate, 3½-in., $15.00 per 100; Liberty, 4-in., $8.00 per doz.; 50 plants for $24.00. J. L. Dillon, Bloomsburg, Pa.

To clean out and finish planting we have to offer the following 2½-in., rose plants: 5000 Meteors, $20.00 per 1000; 4000 Brides, $20.00 per 1000. This stock is clean and in good condition, especially the Meteors which are very fine. J. A. Budlong, 37-39 Randolph St., Chicago.

	—2½-inch pots— Per 100	Per 1000	—3-inch pots— Per 100	Per 1000
Brides	$3.00	$25.00	$5.00	$45.00
Maids	3.00	25.00		
C. Soupert	3.00	25.00	5.00	45.00
Am. Beauties			8.00	75.00

J. B. Heiss, Dayton, Ohio.

To clear the benches. Roses, 3-in., at $3.00 per 100. 400 Maids, 200 Gates, 125 Woottons, 125 White La France, 50 Kaiserin. Roses, 2¼-in. and second size 3-in. at $2.00 per 100. 300 Maids, 250 Gates, 200 Perles, 100 Kaiserins, 75 Carnots, 50 Woottons, 50 White LaFrance Cash with order. Jos. E. Bonsall, Salem, Ohio.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. Maid, Bride, Perle, 3½-in., $8.00, 4-in., $10.00. Also Sunset, Meteor, Morgan, Mermet, La France, Niphetos, Kaiserin, Golden Gate, Maid of Honor. Grafted Bride, large 4-in., $20.00 per 100. A. S. MacBean, Lakewood, N. J.

2000	Golden Gate,	3 inch	pots	$3.00
1000	Bridesmaid	3 "	"	3.00
1000	Bride,	3 "	"	3.00
1000	Meteor,	3 "	"	2.50
1000	Smilax,	3 "	"	2.50

The above are clean and very strong plants. J. D. Brenneman, Box 24, Harrisburg, Pa.

Choice, clean, healthy stock, just right for planting. 900 Maids, 4-in., grafted, $10.00 per 100; 300 Meteors, 3-in., $5.00 per 100; 275 Lady Dorotheas, 3-in., $6.00 per 100; 200 Perles, 500 Brides, 500 Maids, 2-in., $3.00 per 100; $25.00 per 1,000. L. L. May & Co., St. Paul, Minn.

Here is what there is left in roses. If you want them, all or part, write me. 1000 Meteors and 400 Beauties in 2½ and 3's; 2000 Maids in 2 and 2½'s; 100 Perles, 800 La France, 200 Belle Siebrecht in 2½'s; 300 Kaiserins in 2's. Make your wants known.
Geo. A. Kuhl, Pekin, Ill.

7,000 surplus roses. Vigorous and healthy, clean stock, from selected wood, grown in bright sunlight and full air, price $6.00 per 100. Varieties—Hoste, Perle, Sunset, Bride, Maid, Meteor, Golden Gate, Gontier. P. R. Quinlan & Co., Syracuse, N. Y.

Golden Gates. Thrifty stock from 2½-in., $4.00 per 100; $35.00 per 1000. Bridesmaids, $3.00 per 100; $25.00 per 1000. A few hundred Perles from 2½-in., $3.50 per 100.
W. B. Sands, Lake Roland, Baltimore, Md.

Roses, fancy extra select Brides, Perles and Maids, 3-in., 4c; the same in 2½-in. pots, including Metsor, 3c; Kaiserin, Wootton, Golden Gate, Belle Siebrecht, strong 2½-in., 4c. Cash.
South Side Floral Co., Springfield, Ill.

Fine stock of Maids, Brides and Meteors, 3-in., $3.50; $30.00 per 100. Meteor, 2½-in., strong, $2.00 per 100. Subject to being sold on receipt of order.
Poehlmann Bros, Morton Grove, Cook Co., Ill.

Meteor roses, potted and repotted four times; vigorous and unusually fine. 3½-in., $4.00 per 100, $37.50 per 1000. Packed to safely ship any distance.
Brant & Noe, Forest Glen, Chicago, Ill.

Forcing roses. Per 100. Brides and Bridesmaids, 2½-in., $2.75; 3½-in., $4.00; Perles and Sunsets, 2½-in., $3.00; 3½-in., $4.50. All other varieties. Send for lists.
National Plant Co., Dayton, Ohio.

Roses. 300 La France, 500 Kaiserins, 100 Gontiers, 200 Maids, 250 Brides, 200 Golden Gates, 150 Perles, 4-inch, nice plants, $5.00 per 100. Cash with order. A. A. Whitbred, Altoona, Pa.

Special. I have 500 A No. 1 Meteor Rose plants, property of Chatham Rose Co., which must be moved at once. Will sell cheap for cash. Harry B. Green, Madison, N. J.

Roses in fine condition. Bride, Bridesmaid, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100, 3½-in., $3.00 per 100. Cash with order. R. H. Murphey, Urbana, Ohio.

In 3-in. pots, nice and strong. Bridesmaid, Bride and Kaiserin, $4.00 per 100; $35.00 per 1,000. Mercer Floral Co., Trenton, N. J. Carl E. Taube, Proprietor.

Bridesmaids and Brides, 4-in., $5.00 per 100; $45.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.
See Cyperus and Smilax.

Brides, Maids, Perles, Meteors, 2½-in., strong, $3.00 per 100. Cash. J. N. Kidd, St. Joseph, Mo.
See Smilax.

Meteors and Perles, extra fine stock, 3-in., $4.00 per 100; $35.00 per 1000. Also Maids and Brides, 3-in., same price.
Crabb & Hunter, Grand Rapids, Mich.

Are done planting; have 2000 surplus Brides and Bridesmaids in 3-in. pots at $2.00 per 100 or $15.00 per 1000.
H. W. Wieland, Newtown, Pa.

Strong and healthy, from 3½-in. pots, $5.00 per 100. Perles, Brides and Maids. H. E. Wilson, 134 Hayward Park, Rochester, N. Y.

Bride and Bridesmaid roses, out of 3-in. pots, ready for 4 inch, 2½c. Cook Bros., 2534 W. Mosher st., Baltimore, Md.

We have to offer 350 Maids and 350 Brides, strong, healthy plants, 4-in. Chas. Frueh & Sons, 1116 Hoyt st., Saginaw, Mich.

Bride, Bridesmaid, Etoile de Lyon, Meteor, $2.00 per 100; $20.00 per 1,000. Cash. Jos. Lalhr & Sons, Springfield, Ohio.

400 Bridesmaid rose plants, 3-in.; some 4-in. Good, strong stock, $3.00 per 100.
T. E. Bartram, Lansdowne, Pa.

175 Brides, 4-in. stock, $5.00 per 100 or the lot for $7.50. J. M. Smely, Aurora, Ill.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

2,000 Salvias, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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Pansy Seeds. The Famous Diamond Strain, the best strain in the world of the German type of Pansy; largest in size and greatest variety of rich and odd colors. A trial will prove it. I have received hundreds of testimonials from florists who have used this strain, of which the following are samples:

From S. T. Maynard, Professor of Horticulture, at the Mass. Agricultural College, and Director of the Hatch Experiment Station, Amherst, Mass.—"It gives me pleasure to say that your Pansy Seed, Diamond strain, is the finest we have ever grown."

From Harvey Bros., Salmon Falls, N. H.—"Please send us the price of your Diamond strain Pansy Seeds by the ounce. The plants we bought from you last fall were fine, the fanciest colors we have ever had. All our patrons said they were the best they had ever seen."

Price, over 50 distinct sorts and an endless variety of shades, all mixed, per oz., $5.00; ½ oz., $2.50; ¼ oz., $1.50; trade packet, $1.00. Cash with order.
L. W. Goodell, Pansy Park, Dwight, Mass.

Pansy seed. Plant now. Our "Connecticut" strain is unsurpassed, it has been grown for us by a leading specialist, $1.00 per trade packet; $6.00 per oz. Bensry's "Non Plus Ultra," the best German strain, $1.00 per trade pkt.; $8.00 per oz. Cineraria Grandiflora, prize strain, tall, $1.00 per trade pkt.; prize strain, dwarf, $1.00 per trade pkt. Calceolaria Hybrida Grandiflora, spotted and mottled, mixed, $1.00 per trade pkt. Asparagus Sprengeri seed, 50c per 100; $4.50 per 1,000. Clucas & Boddington Co., 342 W. 14th st., New York.

XXX Pansy seed. If you want the finest large and fragrant Pansy flowers, try Woodbury's Noted Seeds. Seven pkts. (700 seeds), fine assorted, 50c. Finest German and Giant Flowered French strains, blended or either separate, 2000 seeds, 50c; ¼ oz., $1.00; oz., $4.00. List free. David B. Woodbury, South Paris, Maine. Pansy Specialist.

Cyclamen seed. Importation just received. Crop harvested May and June this year. The finest strain for florists' use, composed of all the newest and latest shades and productions. Write for our midsummer seed list.
E. H. Hunt, 76 Wabash Ave., Chicago.

If you want the finest pansies buy the 1900 Jennings' strain, finest mixed, $1.00 per pkt., $2.50 per ½ oz., $5.00 per oz.; separate colors, 50c per pkt.
E. B. Jennings, L. B. 254, Southport, Conn.

Allen's Defiance Mignonette, seed saved from special selected stock and all grown inside. Trade packets containing 2,000 seeds, $1.00. Chas. H. Allen, Floral Park, N. Y.

Zirngiebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. New crop seed ready July 1.
D. Zirngiebel, Needham, Mass.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed. Barnard's Florists' Mixture, ⅛ oz., $1.00; trade pkt., 25c. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Pansy seed, large flowering, per oz., $1.00. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Pansy seed, 3-16 oz., $1.00; 1 oz., $4.00.
Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

SMILAX.

Smilax, 2½-in. pots, ready to plant, $1.25 per 100; $10.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.
See Cyperus and Roses.

2 and 2¼-in. pots, $1.25 per 100; $10.00 per 1000. Cash. Guaranteed first class. W. G. Kraber, Tremont St., New Bedford, Mass.
See Violets.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Fresh Smilax Seed, $2.50 per lb.; 25 cts per oz. Send for trade list. Mrs. Theodosia B. Shepherd, Ventura, Cal.

Smilax. From 2¼-in. pots, $2.00 per 100; $18.00 per 1,000. Cash. B. H. Trowbridge, Fishkill Village, N. Y.

Smilax, 2½-in. pots, strong plants, $1.50 per 100; $20.00 per 1,000. Cash. J. W. Howard, Somerville Mass.

We have to offer 300 or 400 Smilax in 3-in. pots. Chas. Frueh & Sons, 1116 Hoyt st., Saginaw, Mich.

Strong 2½-in. smilax, $2.00 per 100; $18.00 per 1000. Cash. J. N. Kidd, St. Joseph, Mo.
See Rose.

From flats, 50c per 100; 2-in. pots, $1.50 per 100. Cash with order.
F. Boerner, Cape May City, N. J.

Strong 2-in. smilax, $1.25 per 100; $10.00 per 1000. 3-in., ready to run, very strong, $3.00 per 100. C. Humfeld, Clay Center, Kan.

Strong seedlings from flats, 40c per 100, $3 per 1000. J. C. Schmidt, Bristol, Pa.
See Asters and Vegetables.

Smilax, strong 2-in., as fine as any you could wish, $1.50 per 100; $12.50 per 1000. Cash.
South Side Floral Co., Springfield, Ill.

8000 smilax, 2-in., $2.00 per 100. Bassett & Washburn, 76 Wabash Ave., Chicago.

3-in. smilax, $4.00 per 100. J. B. Heiss, Dayton, Ohio.

Strong 2-in. smilax, from pots, $1.25 per 100.
Harry White, New Holland, Ind.

Smilax from 2-in. pots, $1.25 per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, 3-in., strong, $2.50 per 100.
W. C. Rockwell, Bradford, Pa.

300 smilax, 3-in., $2.00 per 100.
James Morton, Clarksville, Tenn.

Smilax. A. S. MacBean, Lakewood, N. J.

VEGETABLE PLANTS.

Celery. Pink Plume (extra strong), Golden Self-blanching, Giant Pascal, Golden Heart, New Rose and other varieties, 15c per 100, $1.00 per 1000, $8.50 per 10,000.
Cabbage. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other varieties, 15c per 100, $1.00 per 1000, $8.50 per 10,000.
Kale. Dwarf Green Curled Scotch, same price as cabbage. If any of the above by mail add 15c per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.

Fine, large plants ready to set out. Cabbage, five leading varieties, $1.00 per 1000. Brussels Sprouts, $1.00 per 1000. Cauliflower, H. Early Snowball, $1.50 per 1000. Peppers, Bullnose and other varieties, $1.50 per 1000.
J. C. Schmidt, Bristol, Pa.
See Asters and Smilax.

500,000 strong, stocky field-grown celery plants, in 6 varieties, that will give satisfaction. Extra selected stocky plants, $1.50 per 1000. Transplanted plants, $2.00 per 1000. Cash please. Wm. S. Herzog, Morris Plains, N. J.

Sweet potato plants. Southern Queen, Red and Yellow Yams, $1.00 per 1000. Cabbage plants. Premium Flat Dutch and large, late Drumhead, $1.00 per 1000.
James Morton, Clarksville, Tenn.

Celery plants. Strong transplanted White Plume and Boston Market, $2.00 per 1000; 25c per 100. Cash. R. Kilbourn, Clinton, N. Y.

Celery, tomato, cabbage, pepper, etc. Cheap in large lots. J. S. Linthicum, Woodwardville, A. A. Co., Md.

Celery Plants, only $1.00 per 1000. Cabbage and potted strawberry plants.
Slaymaker & Son, Dover, Del.

2000 White Plume celery plants, $2.50 per 1000.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

VERBENAS.

300 Lemon verbenas from 2½-in. pots, $2.00 per 100. James Morton, Clarksville, Tenn.

Lemon verbenas, 2-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 2¼-in., $3.00, 3-in., $5.00, 4-in., $10.00, 5-in., $15.00 per 100. Rooted cuttings, $1.25 per 100; $10.00 per 1000.
Greene & Underhill, Watertown, N. Y.

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Imperial Violets, longest stems, largest flowers, darkest in color, A1 stock, fine large plants, $5.00 per 100; $15.00 per 1,000. M. Louise, Lady Campbell, $2.50 per 100, or $20.00 per 1,000. Cash with order, please. Van Aken Bros, Coldwater, Mich.

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Marie Louise violets.
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E. H. Hunt, 76-78 Wabash av., Chicago.

GRAND RAPIDS, MICH.

The hot weather is upon us; trade is at a standstill, except funeral work, which has been remarkably plentiful for this season of the year, and keeps the short stock of roses and carnations well in hand. Most of the rose planting is done; also violets are nearly all planted and as a rule are looking fine.

The violet crop of Grand Rapids the coming winter, barring accidents, promises to be enormous. Carnations in the field are looking fairly well; we have had a rain for their benefit just often enough to keep them in good shape.

As yet no one has signified his intentions to go to New York, but it is expected there will be a delegation of at least two or three to swell the throng.

Carnations, although of poor quality, bring from 15 to 25 cents per doz.; roses, 75 cents to $7 per doz.; sweet peas, 10 cents per doz. The early crop of aster are badly stung and may be, with some at least, a total failure. American Beauties are up in the air trying to catch flies.

Wencil Cuirskuisky, superintendent of parks, is dangerously sick.

GEO. F. CRABB.

SAN FRANCISCO.

Trade and Personal Items.

Asters have been in the market the past two weeks and from 10 to 30 cents per doz. The blooms are not first-class as to quality, but the middle of August will find the aster at its best in this market. Carnations lead all flowers as to quality these days and prices remain firm for all kinds of choice stock. Roses of all kinds might be classed as second grade stock; short-stemmed and poor color.

E. W. McLellan has a fine lot of the new rose Liberty that will be ready for cutting in a few days.

Sheppard & Mac Gowan, Piedmont, have dissolved partnership. Mr. Hugh B. Mac Gowan will run the nurseries alone.

Wm. Nunnemacher, 13th street, Oakland, has sold out his business to Thomas Sheppard, formerly in partnership with H. B. Mac Gowan, of Piedmont. Mr. Nunnemacher will continue in business as a grower.

Mr. Sheppard, on 13th street, Oakland, seems pleased with his new venture and is busy making needed repairs and improvements in his store. Mr. Sheppard says 'e will 'ave one of the finest business 'ouses in Oakland. The stand is a good one and in a good part of the town.

Geo. N. Miller's place, New Broadway, Oakland, was closed and sold out by the constable last week. With all his troubles Mr. Miller seems to be in a happy state of mind and says he is taking the cure for rheumatism. I didn't ask him what he was taking; he met me in an evil hour, not having a supply of the cure on hand.

Mr. Wm. Sanger, head gardener at Piedmont Springs, met with a painful accident on July 8th. Part of a large tree fell on him, breaking the toes of his right foot.

Mr. Chas. Beebe, of Trumbull & Beebe, San Francisco, has returned

We Have Drawn Upon All

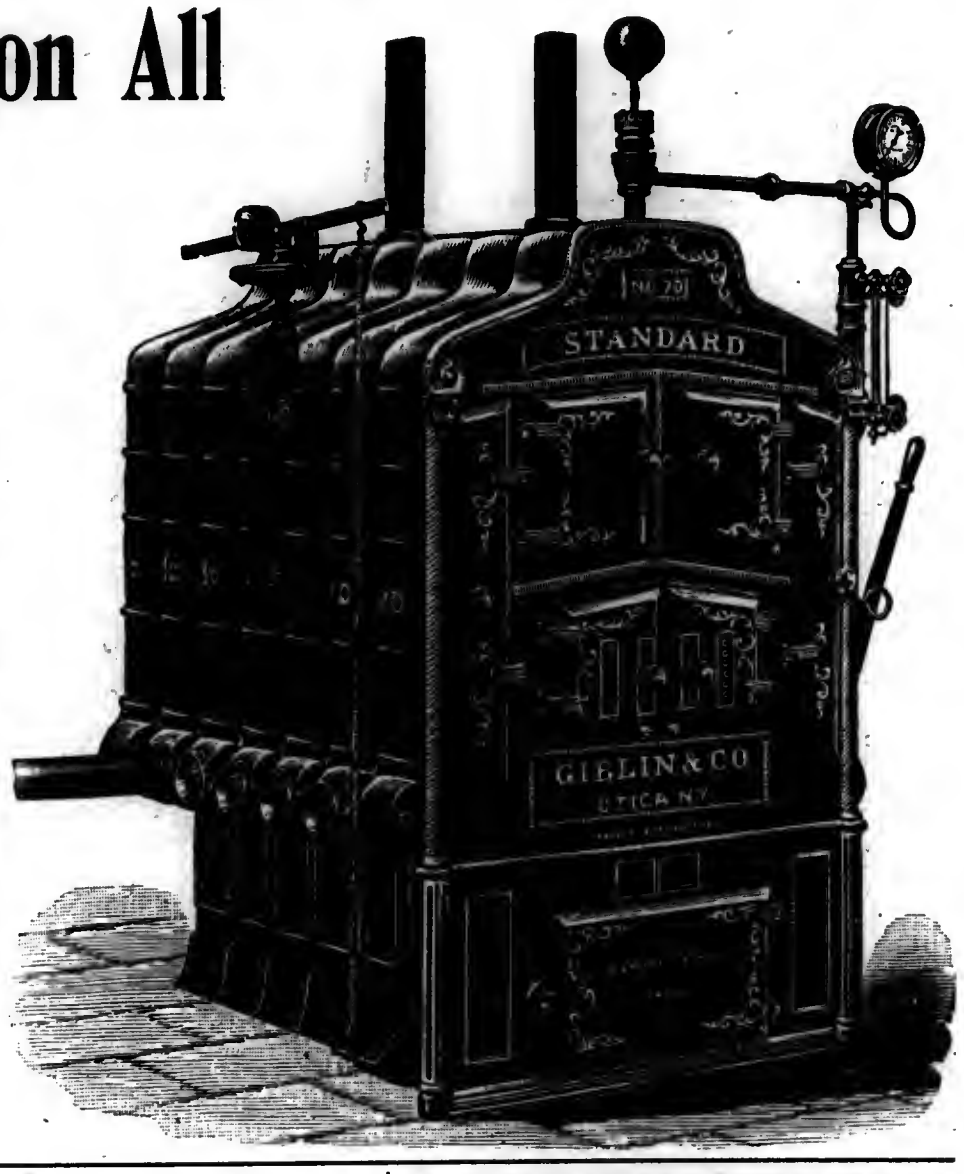
principles of boiler construction that were known at the time this boiler was designed, selecting the good and rejecting the bad

FEATURES

We have, therefore, a boiler that embodies a multitude of desirable features and its work has proved its excellent construction. For instance,

H. J. LEECH, Yeadon, Del. Co., Pa., says:

"The No. 70 Standard Sectional Steam Boiler bought in 1899 is all you claimed it to be. It did all the heating for my 3000 feet of glass with one ton of pea coal per week, and I carried a temperature of 65 degrees in the coldest weather we had, 4 above zero. I can run my fire by one firing five hours at a time and have no trouble in keeping up 7 lbs. of steam. It is the best, quickest and most perfect steam generator I have ever seen with such a small amount of coal. It has been inspected by a large number of florists and they all think well of it, and I am sure you will hear from some of them."



WHAT HIS BOILER has done every boiler we make will do. We want to hear from every florist who has an unsatisfactory heating apparatus, whether he buys or not. We can give him information that will be valuable and will send, without charge, our **NEW GREENHOUSE BOILER CATALOG** which should be a **HANDBOOK** for every florist.

Write now because cold weather is not many months away.

GIBLIN & CO., Utica, N. Y.

Mention The Review when you write.

from a trip to the southern part of the state and reports crops in fair condition.

Mr. Jack Gilmore, Elmhurst, spent an evening at the California theatre last week and listened with delight to the songs of his country, "Caller Herring," "Coming Through the Rye" and "Robin Adair," as rendered by Miss Louise Sunning, a Scottish songstress from the land of the heather. Jack says the next time he visits 'Frisco the best bunch of roses he can find will be hers. J. N.

BOOKS RECEIVED.

"Plant Culture," by George W. Oliver, Washington, D. C. A. T. De La Mare Printing and Publishing Company, Limited, publishers, New York. 12 mo., 193 pp. Price $1.00, post-paid. The title of this work informs us that it is a "working handbook of everyday practice for all who grow flowering and ornamental plants in the garden and greenhouse;" and it will no doubt prove a useful addition to the literature of the trade.

The author has divided his subject into eleven chapters, viz: Stove and Greenhouse Plants, Bedding Plants, Vase and Basket Plants, Vines, Bulbous Plants, Ornamental Grasses, Aquatics, Ferns and Lycopods, Hardy Perennials, Hardy Shrubs and General Directions. Under the last named chapter are given instructions for the performance of such branches as propagating, seed growing, grafting, budding, layering, hybridization, potting, soils, mulching and watering.

PHOTOGRAPHING FLOWERS.

We acknowledge the receipt of the April number of The Photo-Miniature, published at 289 Fourth ave., New York, which contains an exhaustive article on "Photographing Flowers and Trees," freely illustrated by halftone plates from photographs, many of which we note are credited to J. Horace McFarland. The article, which fills 34 pages of the magazine, would surely prove very helpful to any one desiring to photograph flowers. The price of the magazine is 25 cents a copy and no doubt copies of this number may be had from the address above noted.

IF YOU HAVE any surplus stock to sell offer it in our classified advs. The cost is slight and your offer will come under the eyes of all possible buyers.

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G. L. GRANT, EDITOR AND MANAGER.

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WORMS.

We have had a man come into the store to buy a suit of underclothing, and thought it passing strange that a florist could be expected to keep such goods in stock, but when one came in recently and asked us if we had angle worms for sale we just "passed it up."

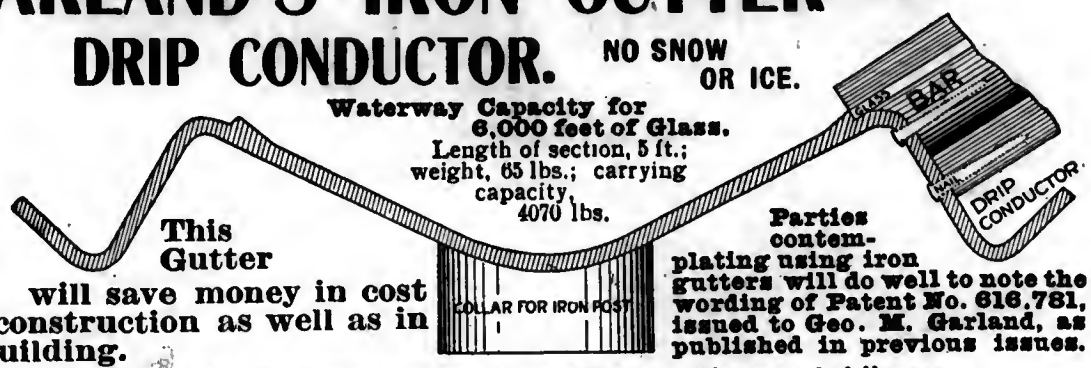
The latter inquiry can be better appreciated when one considers the locality, for there is not a worm to be found within two miles of this mining camp, and the man was going fishing!

S. N. CO.

Montana.

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NO SNOW OR ICE.



This Gutter will save money in cost of construction as well as in rebuilding.

Parties contemplating using iron gutters will do well to note the wording of Patent No. 616,781, issued to Geo. M. Garland, as published in previous issues.

Iron Plate and Drip Conductor for Outside Walls of Disconnected Houses.

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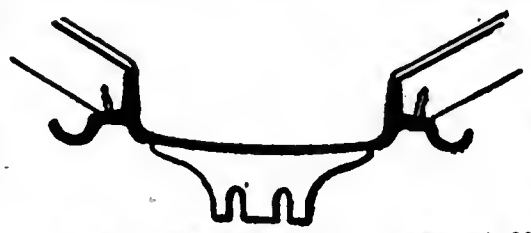
To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what

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keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

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VALLEY GUTTER and DRIP CONDUCTOR, 54c per foot
" " without " " 40c "

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PIPES, FITTINGS AND VENTILATING APPARATUS

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BEWARE OF SAP in Cypress lumber for greenhouse material.

A little sap in lumber to be used for interior finish in dwellings won't hurt. But in greenhouse material it is a FATAL defect.

The moisture inside the greenhouse makes the difference.

The sappy piece is the first to decay and is the weak link in the chain.

We can't afford to have any weak spots in our material.

We want permanent customers, which means satisfied customers.

We can make you a permanent customer.

Your first order is our opportunity.

May we have it?

Write us about it.



Mention The Review when you write.

KANSAS CITY, MO.

Various Notes.

The usual decline in trade which the florists experience at this season of the year is here with a vengeance, and those of the craft who have the time and ean afford the expeuse are either taking or planning their vacations. A few have gone to Excelsior Springs, a local resort, to escape the heat and bustle of the city and to drink "Celery Compound," while others of a sporting nature take leave for short intervals to frequent some nearby stream in search of frogs and to fish.

We have many florists here who have never been in the metropolis. There are some who would like to go but have not the "wherewith-all"; too many outstanding accounts is the excuse given by some for not going, and it now looks as though Kansas City will be slimly represented at the convention in New York next month.

Funeral work constitutes about all the business being done at present, and the quality of flowers is so inferior that the most skillful florist finds some difficulty in arranging even a good average design.

We are having good rains twice and three times a week (oftener if needed), but the extreme heat which sweeps over this part of the country every few days plays havoc with both in and out door blooms.

Your correspondent visited several of the local growers last week and all seemed well pleased with the condition of their young stock.

Robert Brown & Son will give more attention to the growing of cut flowers hereafter, and have planted their roses three weeks earlier than in former years. A bed of asters of vigorous growth promise good results in the next two months. There is an increasing demand here for rose stock and more of it should be produced.

Albert Barbe's place shows that he has expended considerable money this summer, building new houses and remodeling. He has discarded the Wootton rose, which always did so well with him, and substituted Meteor, owing to the better keeping qualities of the latter. The buying of young stock from outside growers has proved so unprofitable that he intends producing all of it himself in the future.

Miss Hayden, who has been with Samuel Murray for the last nine months, is spending her vacation among friends in Chicago. She has promised to bring back all the latest ideas in floral art.

A young man, Geo. L. Stiles by name and stylish in appearance, was a visitor here last week. He and his brother are in business together in Oklahoma City, and he expressed great satisfaction of the state of trade in his territory; money is more plentiful, crops never better, and he promises a good square meal to any florist who may chance to come his way.

H. J. M.

THEY LIKE THE REVIEW.

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The Review is a great help and is perfectly satisfactory. I will never be without it.
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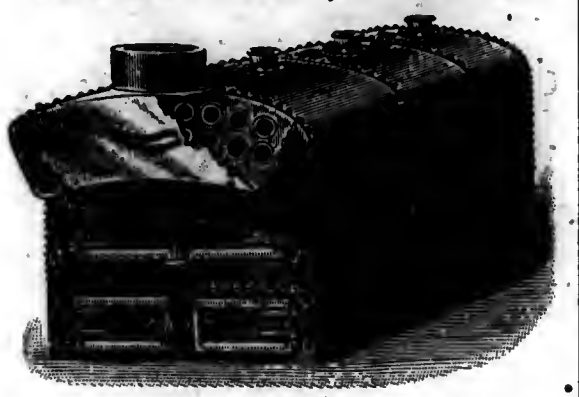
Among the Latins and Greeks the rose was dedicated to Cupid or his mother, who excelled all rivals as does the rose. It was also said to be the transformed body of a nymph, Apollo giving the vivifying power of his beams. Bacchus bathing her in nectar, Vertumnous lending the perfume, Pomona the fruit and Flora the diadem of flowers.

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P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

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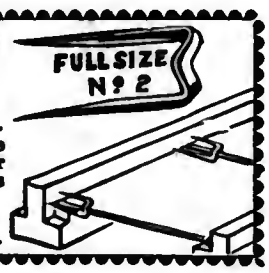
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According to Shakespeare the "war of the roses" originated as follows: The Duke of York and the Earl of Somerset, together with their followers, were engaged in an altercation in the garden of the Temple. After angry words had passed York called upon all who believed in his statements to show their faith by plucking a white rose. Somerset immediately requested a similar demonstration to be shown by a selection of a red rose, and so the two flowers divided the company, and later on nearly divided a kingdom.

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-538 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, AUGUST 2, 1900. No. 140.

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Nymphs who haunt th' embow'ring shades
Poesy's enchanting maids,
Woo thee, Rose; thy charms inspire
All the raptures of the lyre.
Cull me straight th' inviting Rose;
Shielded by the thorn it grows.
Cull the Rose: what boots the smart?
Boundless sweets regale the heart.

Lovely Rose! thy genial power
Sweetly soothes the sickly hour;
O'er the grave thy fragrance shed;
We sink in quiet to the dead.
When the envious hand of time
Nips the honors of thy prime,
Fresh in youth thy odors bear
Richness to the ambient air.

Pluck it not: the flow'ry gem
Unwilling quits its parent stem.
Round the feast of fragrance rove;
But gently touch the Rose of love.
'Mid the sons of Comus spread,
Blooms the Rose's living red;
Chaplet for the thirsty soul,
Well it crowns the purple bowl.—ANACREON, Ode 53.

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Orchids.

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Grower of.....**Areca Lutescens.**
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THE RETAIL FLORIST.....

Hall Decoration.

At a recent meeting of the New York Florists' Club the committee appointed for the decoration of the hall where the sessions of the Society of American Florists are to be held during the convention made two reports, the majority being in favor of a laurel roping and the minority for a cheese cloth and wild smilax form of decoration. There was much said at the meeting showing how little some people really know of decorative art. We regret that it was not considered wise to go outside the club's membership for artists to do this particular work. The best decorators in New York do not belong to the Florists' Club.

We know the retail florist too well to imagine that he will come to this convention and not expect to see either material or design for decoration worth considering, and the average florist who retails any portion of his stock would on this occasion prefer to see the plain walls rather than a style of decoration which meant only that there was an abundance of material and possibly a wall to hide. The florists and others attending this convention will expect to see what New Yorkers can do, not in a profuse sense, but in an artistic one, and the best element should be allowed to show its best. We have always advocated a better recognition for the retailers, but they themselves have the power and the right to demand it.

A Suggestion.

It is our opinion that the decoration of the convention hall should be competitive; 25 or 50 feet of space could be allotted to each florist, or among the workers in the stores, the same material given to all by the local club, and a graded form of recognition be awarded for merit of design and application; the space could be cut to meet the number of entries. A hall decorated by 25 or 50 applicants for honors would surely be of the greatest interest. The plan is feasible anywhere, but there is no time for its adoption in the present case. The New York committee on decoratons are unfortunate in the selection of material they advocate; we would remind them of the fact that there is very little beauty and no art in a post entwined in the usual way by laurel roping. Cheese cloth may be good to emphasize the details of a particular style of design, but a general background of it would be inexcusable in the present case.

What is looked for is the execution of ideas, the expression of thought as it were in sections rather than a subjection or obliteration to conform to the whole. A room decorated in 20 different designs is of more interest to the florist than the one arranged in one general design. A large hall can be decorated or disfigured by a design of looped garlands or traceries, it may appear pretty and it may not, but in both cases it can be devoured at a glance and interest in it is short-lived. A composite decoration is often more interesting because there is more to examine and consequently more to learn from it, and it is what would be best in the case under discussion.

We would suggest to this New York decorative committee that they use only materials at present growing within a radius of ten miles from the Grand Central Palace. We can assure them that finer work can be done with what is at present growing in nearby swamps than with all the fancy and expensive stuff they can get from other states. It is not so much material as ability that is required, and a demonstration of what can be done by the vegetation of this locality would be of exceeding beauty and educational value. A few wagon loads of swamp oak, red maple, honey locust and other foliage would suffice, and we have wild smilax and other vines growing in abundance in New York. A preponderance of laurel roping is entirely out of place in summer decorations, and the use of evergreens too is not correct. We should better appreciate and utilize seasonable foliage, it saves money and is capable of producing more beautiful effects. We would not like to see the New York convention hall decorated on the plan and scope applicable to the ordinary summer beer garden; there would be no excuse for such a grave error.

Nor is it at all necessary or advisable to completely cover ceiling or walls; every good decorator sees a distinct beauty in every branch or spray of foliage, and the most of them should be arranged to show this distinctiveness and charm. A wall entirely covered with green is restful to the eye perhaps, but it can only be compared with a screen, and it requires more of the mechanic than the artist to manufacture it. A frieze work or tracery of greens, a cluster-spray and wreath and garland requires ability to properly work them out and make them conform to a general scheme. There is far more beauty in a branch of cut leaved oak than there is in yards of laurel or hemlock roping in which the reverse side of the foliage is usually most prominent.

Seasonable Flowers.

Gladioli are the most prominent decorative flower on the market at present, and very fine work can be done with them. Where extensively used keep the colors separate and if possible have them against a background which will bring out the full effects of color. These flowers can now be had in every shade of coloring and much of their stiffness can be lessened by the use of Eulalia gracillimum or tamarix or other fine foliage; but have the greens short and subservient.

Lilium auratum is good for showy work; too many of them should not be used in a room on account of their strong odor which is apt to become very offensive in a close atmosphere.

There will soon be an abundance of outdoor lilies and they can be put to good use in almost every class of work. No retail grower should be without a quantity of various lilies in August; there are few things choicer than a tall vase filled with a mixture of them. Fortune's tiger lily shows up well just now.

Hardy Flowers.

Yellow predominates in the herbaceous garden from now on, and the color is good to use in abundance in most classes of decoration. Golden rod is in full glow throughout the southern states but it is scarcely out in the north. We have a great many North American wild flowers which are far more beautiful than many of the pampered pets from other climes; they are not appreciated because they are abundant and commonly before us everywhere we turn.

Euphorbia corollata is a pretty white flower, fine for cutting, vase work, or funeral, and deserves to be grown. Hypericum prolificum is a good yellow flower with admirable combination of useful foliage. Asclepias tuberosa is incomparable in color and could often be used to good advantage. Ratibidas, especially pinnata, are very beautiful, splendid for vase work; the pretty cones in center of yellow quilled flowers look charming—nothing prettier for tall slender vases. Rudbeckias laciniata and Golden Glow are also in bloom and will be extensively used the next few weeks. Eupatorium purpureum is well worth consideration; its blue white flowers are quite pretty.

Tanacetum boreale, the Siberian tansy, is great for lettering or intricate work. Its clusters of yellow bead-like flowers last a long time. Many varieties of achilleas are in bloom and are chiefly useful for funeral work. Calimeris incisa, a Siberian Michaelmas-daisy like flower, is in full glow now and is good for vase work. Coreopsis senifolia, a very pretty small yellow flower, deserves to

be better known. Heliopsis Pitcheriana is out and will last longer cut than any other flower except perhaps the yellow daisy, Rudbeckia speciosa, which is hard to beat for use where water is not to be considered.

Phlox perhaps furnish the brightest colors at present in the herbaceous garden; and they are always useful; some of the new varieties are magnificent in coloring. No man's grounds should be without them; nothing better for decorative work. Double white hibiscus comes in good for ground work in set funeral designs, but you will soon have an abundance of Hydrangea paniculata. Don't forget Clematis panticulata will soon be in and it is preeminently superior to all other flowering vines for decorations. Consider it in your plans. The large nurseries can furnish it in quantity and it is cheap.

Star or Cactus dahlias will be in demand this fall; get posted where you can get the finest.

Roses.

The rose market has considerably shortened up. They are scarcer now than they will be at any other time. You must only make the best excuse you can and offer the next best thing.

Don't buy any supplies until you see what is shown at the convention, or what is to be seen in New York stores.

Shipping Flowers.

The packing and shipping of cut flowers in hot weather calls for security rather than prettiness. Never mind fixing the flowers in the box so as to look pretty in their arrangement; use plenty of wax paper or damp tissue and fix them in the best way to insure their arrival in good condition; it is vastly more important to have your customer get flowers wrapped up in separate packages than to have them get a box of half faded flowers because your idea of arrangement prevented using that which would preserve them.

It's almost like throwing flowers away to send them any distance in a pasteboard box; use clean, sweet, wooden boxes and wrap them in stiff paper. You are judged by the manner in which the package is received at its destination, not the way it left you; and 'tis often the case, even with extensive shippers, that the absence of a few sheets of paper between the flowers and the end of the box causes considerable loss.

Another point is that the failure to cut a few inches of useless stem frequently causes the ruin of many a fine flower. American Beauty pasteboard boxes will be made much longer the coming season. IVERA.

SEABRIGHT, N. J.

The Rumson Road, which runs from Red Bank to Seabright, is justly famous for the many beauties in summer residences and vistas of delightful scenery to be seen at every few hundred yards along the way. Those who wish to spend a pleasant day or two awheel can find no more charming country than this, always amid sweetest of pastoral surroundings, and yet ever within sound or sight of the ocean; dull indeed be the intellect or eye unable to find reasons here for a brighter side of life.

There are many beautiful gardens at Rumson Hill, the products of which often win first prizes at New York exhibitions. We are pleased to be able to give our readers a glimpse of one or two of the most noted gardens from photos specially taken for the Review.

It would be very difficult to find a prettier place than the gardens and grounds of Mrs. J. C. Hoagland. The estate is comprised of several hundred acres, laid out according to the Olmsted-Manning idea. There is an Italian garden and several borders of flowering shrubs, beautiful specimens of Thuya pyramidalis, Peabody's Golden Thuya, Ilex crenata and other fine evergreens. There is here the longest and finest hedge of Lonicera Halleana to be seen in this section of the country, and its fragrance permeates the atmosphere for quite a distance. We show but a view of the rose garden, which contains a collection of the hardiest roses, principally hybrid perpetuals. The side beds are filled with Plantier, multiflora and Ramblers; the terraces are banked with Rosa Wichuraiana. It is a pretty place. The gardener in chief is Edward O'Brien.

A short distance away is Mr. E. D. Adams' extensive gardens. The avenue of Catalpa Bungei is one of the principal landscape features of these parts, and we have never seen it equaled anywhere else. Another fine example of what can be done with



Avenue of Catalpa Bungei on the grounds of Mr. E. D. Adams, Seabright, N. J.

Euonymus radicans variegata is seen here, and it looks splendid. There are many fine groups of coniferae here; in fact, the garden abounds with charming surprises. The blooms from the rose beds shown won the silver cup offered by the American Rose Society at the June show for collection



Rose Garden on the grounds of Mrs. J. C. Hoagland, Seabright, N. J.

of named roses, not less than 150 flowers. There is almost 200 acres in these grounds. Geo. H. Hall is gardener, and the place is kept up to a high standing by his well known and acknowledged ability.

Adjoining this is the L. H. Terrell estate and everything there reflects the greatest credit on the genial gardener, Jas. Dowlen. He is the kind of man who permits his plants to speak for him, for here growing under many difficulties can be found as pretty and as well grown a collection of stove and greenhouse plants as one would care to see. If Mr. Dowlen could be induced to bring his collection to the exhibition next month he might make many a noisy individual keep quiet and incidentally capture a few awards.

Across the boundary fence Mr. Hess is rapidly whipping into shape one of the finest of gardens. Adam Wengerter, a noted grower of all that is best, is in charge and everything is tip top. But one could go on indefinitely all around here.

The gardens are well kept. Perhaps there is a preponderance of landscape architecture in its weedy embellished forms on many of the estates; one would like to see more of the really beautiful and less of the theoretic—or semi-scientific, expressed in the planting. We mean, of course, that useful flowers for cutting could be put where rubbish usurps the most prominent parts, but it's hard to convince a draughtsman that he doesn't know it all. Gardeners know the vast amount of nonsense garden engineers make use of, still, with all, though mostly through the efforts of practical men, the gardens along Rumson Hill, Seabright, are well worth seeing.

J. I. DONLAN.

THE LATE HARRY DALE.

I cannot refrain from adding a note of regret to the many which have already appeared on the occasion of the great loss to the fraternity of florists by the death of Harry Dale, of Brampton, Ontario, Canada.

While I was associated with the Canadian Experiment Station in Canada, it was my privilege and pleasure to meet Mr. Dale quite freqnently. One of the things which always struck me in connection with Mr. Dale's personality was his innate modesty and unfailing courtesy of manner. The energy, foresight and ability which he displayed in building up such an extensive business in the remarkably short period of ten years is unparalleled in my experience and observation. His success was largely due to strict attention to the details and the institution of various labor-saving devices in connection with the working of his large establishment.

There was very little of the "rule of thumb plan" about Mr. Dale's practice. He took as much interest in the underlying scientific principles of floriculture as if he were an experiment station worker, and it was his strict adherence to fundamentals as well as details that brought to him the great measure of success which he attained. As a worker he was simply indefatigable, and I suppose this intense application to business had much to do with shortening his career. His death is a national loss.

JOHN CRAIG.

Iowa Agricultural College, Ames, Ia.

ENGLISH IVY ON TREES.

[Continued from last week.]

Ivy will not injure your trees, nor would any other vine unless the foliage of the vine overlapped that of the tree. The clinging to and covering of the trunk does no damage that I have ever observed.

It is not uncommon to see wistarias, poison vine, Virginia creeper and other vines destroying trees, but in these cases it is always on account of the killing out of the foliage by the smothering caused by the dense foliage of the vines.

Let the English ivy alone, unless it desires eventually to overlap the leaves of the trees.

JOSEPH MEEHAN.

YOU WILL surely want an adv. in the Annual Convention Number of The Florists' Review, to be issued August 23. Send copy early.

TROUBLES

Conducted by LEONARD LAWTON

Buying Young Plants.

Daybreak writes: "C. H. G., in the Review of June 21st, has a grievance that is not common but at the same time is too common and the writer has been through the same mill not once but time and time again, paying exorbitant prices for a novelty the plants of which were not worth the time of planting them, let alone any cost price. Sometimes there would be out of a thousand plants bought two hundred and fifty of them that would make plants fit for stock the next season; sometimes the order would be reversed, and occasionally they would nearly all turn out all right.

"One of the principal causes of this poor stock is the 'tom-foolery' of sending a novelty out at a certain specified time of the year instead of sending it out at any time during the year of introduction that the stock is in good shape for shipping. Take the carnation as an example. Most novelties are sent out, orders filled in rotation, Feb. 15th or even as late as March 1st. If the orders are very few and very small this may be all right, but if the orders are coming in heavy the grower wil start his propagating early and hold the stock over until date named for sending them out with often the result of such stock being stunted in growth or diseased by being planted in some undesirable portion of the houses to be held over, whereas if they had been sent out right from the cutting bed good and healthy the buyer might have had good healthy stock for the next season.

"The idea of a buyer not being able to buy a thing when it is ready to sell because the grower wants to hold it until a certain date is both ridiculous and a menace to the novelty trade, for eventually the buyers will get good and tired of the held over stock and the overpropagated stock often sent out with unexpected orders coming in about date of delivery.

"There is only one thing to do when stock is received in such shape as that named by C. H. G., and that is to promptly ship it back to the original party and claim a return of your money or credit for the full amount plus the express charges. There is one thing to be observed in this matter, however, and that is to be sure and ship it back promptly and carefully packed so as to reach the original party in good shape so that he can make plants out of the stock, for if it is returned to him in such shape that it is worthless to him through your carelessness he will be perfectly justified in holding you responsible for the full amount of the bill.

"The writer has had considerable experience both as a buyer and a shipper of novelties and has always made it a rule to allow a buyer from him to return the goods sent with the proviso that they must be returned at once and before they are potted up or planted, as after they had been potted or planted he would not be responsible for their growth; this gives the buyer a chance to inspect the stock and return it if not up to his standard in quality and at the same time protects the seller from some man neglecting the stock and claiming damage for no growth. This method has been in operation with me for a number of years and made very little trouble, as out of all the orders filled, and they were not a few in number, there were not over thirty returned. Some of these were damaged in transit, a few of them had through the carelessness of an employe been filled with poor stock, and a few of those returned were as good stock as any grower could produce; they were all received, credited and the money returned without any kick on my part and most of them are today regular customers.

"Some growers would object to this method on the ground that it would incur too much loss, but this is a mistake, as the majority of buyers are reasonable men and will accept any stock that is in good enough shape to make them plants (and they should not be asked to accept any other). There will be a few who do not know a good plant when they see it, but even these with proper handling will soon understand the situation and if they do not they can be entered as kickers not fit to deal with. Out of my whole list of customers there are but six or seven that come in this class.

"As a buyer I never hunt up the cheapest stock I can buy, as by bitter experience I have found that occasionally good stock is sold for little money but it is a ten to one shot that the stock will compare favorably with the price. Willing to pay a good price, I insist on having good stock and in the case of novelties I insist on having them when I want them or I do not touch them at all, of course using reason in the matter, and not giving the grower an opportunity to work off some poor stock on me because he could not have any other for the date named. I write the grower in plenty of time for him to propagate and get the stock ready for me after he receives the letter. I also ask a few pointed questions about the merits of the variety. I have had very little trouble with poor stock the past year as those who ship to me know that it must be up to a certain standard.

"Let the buyer and seller meet as often as possible at the conventions and talk over their troubles, or where this is not practical let them write a clear statement of their case to each other, and the seller or buyer who fails to do what is right should be religiously left alone in the future when orders are placed."

Business Troubles.

One of the advertisers mentioned last week writes us an explanation. Says his offer was at a specially low price, $14 per 100, and that the buyer sent $2.00 for 14 plants (at the hundred rate) and asked that they be sent by mail. As the plants were two to three feet high, mailing was out of the question even had postage been sent. He therefore sent the package by express and notified the buyer to that effect. At the time he did not know that there was no express office at the buyer's mail address and now this is known feels that the express company is responsible for accepting the package when it was unable to deliver. He will therefore endeavor to collect from the express company and forward the amount to complainant. Says he did answer a number of inquiries from the buyer till it became monotonous, and the letters unbearable in tone..

This reminds us that those making complaints are rather too quick to assume that because certain things have not been done in a certain way the other fellow is a rascal, etc., and often friction is developed by the tone of the letters of complaint. It is difficult to write a courteous and considerate reply to a man who has intimated that you are dishonest. Take time in coming to conclusions and give the other fellow the benefit of the doubt. It is only fair to assume that his intentions are good until you have conclusive proof to the contrary.

Retail Credits.

Regarding credits to a retail customer, P. B. says: "We have made it a practice to extend credit to persons whom we knew to be property holders or have good reliable society connections. When people have been liberal buyers and then asked for convenience to open an account with us, we in turn asked them for bank reference. There is no reason in my mind why we should extend credits as liberally as some of our merchants do. When a customer makes a purchase of say from 50 cents to $2 he or she can just as well pay the cash as not. Before a clerk in our employ can give credit he or she must inform our credit man(any one can be that). While this is done the customer often



Bed of Hydrangeas on the grounds of Mr. E. D. Adams, Seabright, N. J.

decides to pay rather than be embarrassed.

"We find further that since the telephone has come into such common use there is more cause for giving credit. We avoid much of it by sending a memo with the goods which is often paid on delivery.

"We place no stock in people who live in large or better houses and have the telephone. They, too, a greater part are also poor pay, it being so easy for them to buy. We feel the less we consider people entitled to credit and the more we hesitate to give credit the better off we are. Take your money when you can find a way to get it.

"We keep close watch on our customers, employ a person who reads up on people and keeps an eye on strict economy, which we think is to get your money or keep the goods. Consequently we have a very small percentage of losses and our customers love us for the nice flowers they can get from us."

NEW YORK.

The Market.

There is but very little animation in the flower and plant market these days, though one has to fly around a good deal to capture a few good roses. Last week, owing to funeral work, there was quite a run on white roses. Very little of anything worth looking at. Great quantities of gladiolus and asters. Most of the leaders, and undergraduates too, are away on vacations; all promise to be back for convention. A full house is expected on this occasion and everything is in readiness for the performance.

Hotels.

We know those of our readers who have been to this city recently need no advice as to hotels; they will go where they feel at home. To others we say you need not worry or bother about hotel accommodations until you get here, for there are enough hotels in the neighborhood of the convention hall to accommodate ten times the number of visitors. Don't settle anywhere till you're satisfied, and don't consider what is known as the American plan, for sightseeing cannot allow it. Some of the best hotels were not put on the list published last week—the New Herald Square, the Park Avenue, the Gilsey, the Westminster and the Waldorf-Astoria, all of which are reasonable according to accommodation.

An Invitation.

The management of the Waldorf-Astoria (which is one of the very finest and largest hotels in the world) extends an invitation through The Review to the delegates to visit and be shown the building from cellar to roof. The best view of this city can be seen from the roof garden.

Our bachelor lady florists desirous of visiting New York on this occasion need have no fear. There are several hotels that specialize for such, and though it will be a little early to see the new styles in bonnets and mantles for fall wear, yet there is at all times sufficient in the great New York stores to flutter a girl's heart and disturb her purse.

Restaurants.

About restaurants—why, yes, we remember, after spending several years out west, that the longing for a dinner of sea fish became intolerable; lake bass gave us many a shiver. You'll find good restaurants a-plenty here; several of the best make specialties of sea food, others are famous for many things, good and bad. Keep away from the resorts with electric signs that abound in the side streets of the locality known as the tenderloin, unless you have a craving to be robbed.

Make arrangements, if possible, to stay a few days or weeks over convention. A dip in the old ocean and a study of life and what it is worth will do you good. The money you spend will only have been taken from the medical side of your account.

Why, of course you must see Coney Island, Long Branch, and Asbury Park; a visit here would be incomplete without such experience. We'll meet you all upon arrival here and then talk over plans.

A Plant Market.

From present indications it looks as if New York might soon have a good building put up for a plant market. The municipal council has passed a resolution in favor of it, and the board of aldermen have it before them today. It will, however, be some time yet before the matter is finally decided. In the meantime the growers don't seem to make it plain how the building is to be occupied nine months of the year. Even in the three months of spring and summer the vast majority of growers keep to the sidewalk style of selling. Some amicable agreement should be made to have all get under cover; probably if the market is ever built they will be compelled

to be under one roof. New York needs a different market to the one proposed, and it should be in a different locality. It would seem that the proposition now is to get whatever is handy, disregarding the demands of the future; yet the men who are struggling to get this market have been suffering so long that anything would be welcome, and we hope and will work to get this for them. We have already interested several of our aldermanic friends and they promise to push the matter through.

The Botanical Gardens.

There is nothing but preparation at the Botanical Gardens, and though a formal invitation cannot be extended visitors, Director Britton hopes that many of the delegates to the convention will find time to visit the buildings and grounds. Miscellaneous groups of plants are being put in the large conservatories. A large donation from Helen Gould's greenhouses is expected this week. No permanent arranging will be done for some time, all is yet in embryo; $200,000 was recently voted by the city for use in the gardens, and it is hoped to get things well under way before winter sets in.

Head Gardener Samuel Henshaw is expected home from Europe this week.

Bowling.

The bowling last night was poorly attended. Traendly says it will be 218 in every game for him during the matches.

Roehrs	158	137	118
Traendly	132	218	133
Manda	160	115	158
Stevens	110	126	183
Siebenheiler	104	137	133

J. I. D.

CHICAGO.

The Market.

There is little, if any, change from last week. The best roses range in price from $3 to $5, and the best outdoor grown carnations from 75 cents to $1.00 and some extra fancy at $1.50. The demand is very good for the season. Good sweet peas are less plentiful as a result of the heavy rains, but there is enough to meet the demand, and poor ones stand no show. Smilax is still plenty, and there is now a surplus of asters.

Various Items.

McKellar & Winterson have engaged Walter S. Heffron as manager of their cut flower department, and he took charge August 1. This will greatly relieve Mr. Winterson, who will now have much more time to devote to other departments, and he certainly needed relief, for the rapid growth of the business has made very serious demands upon him during the past year.

A. C. Kohlbrand has returned to the wholesale line and is now E. C. Amling's right-hand man.

Larry Kelly has returned to the employ of Kennicott Bros. Co.

John Brod opened a new store this week at 616 North Wells St.

C. W. McKellar has returned from Ohio and is again at his desk.

Miss Susie F. Weeks, daughter of John B. Weeks, well known to the trade here for many years, was married July 19, to Dr. W. A. Purington, Sangerville, Me.

Mr. Weeks, who is now 68 years old, though he looks to be many years younger, came to Chicago in 1855, when the city had a population of only 100,000. He was with Edgar Sanders from 1864 to 1871, and was with James King, the seedsman, for 15 years. Later he was with E. H. Hunt.

Mr. M. Bloy has been visiting the trade here. The Denver climate proved unsuitable for him and he regretfully severed his connection with the Park Floral Co. that he might seek lower altitudes. He says Chicago is not so bad. He adds that Phil Scott seems to thrive wonderfully in the Denver atmosphere. But then Phil always did have way-up aspirations.

C. L. Washburn has returned from Michigan.

The Tropical Prepared Plant Co., Orlando, Fla., will open a branch at 5507 Cottage Grove Ave. M. L. Dollins will be in charge.

E. E. Pieser, of Kennicott Bros. Co., is now on the St. Lawrence River, bound for Montreal. He will reach New York in time for the convention. G. H. Pieser will travel on the special train with the Chicago party.

Reports indicate that the special train to the convention will carry a big crowd.

J. Austin Shaw is again with us.

Mr. and Mrs. W. J. Smyth start Monday for the east and will reach New York in time for the convention.

Bowling.

The games for position on New York team rolled on Mussey's alleys Friday, July 27, resulted as follows:

	1	2	3	4	Tot.	Av.
F. Stollery	134	222	158	173	687	172
Degnan	158	171	176	...	505	168
Hauswirth	195	146	158	...	499	166
Winterson	158	132	144	...	434	145
Wilson	126	156	138	...	420	140
Kreitling	127	133	158	...	418	139
Asmus	153	135	128	...	416	139
Balluff	114	128	120	...	362	121

The result of games again shifted the positions for place on team. Most of the members have now rolled the required fifteen games.

	Games.	High.	Total.	Av.
Asmus	15	197	2542	169
Winterson	15	230	2418	161
Degnan	15	187	2331	155
Hauswirth	15	199	2305	154
F. Stollery	13	222	1994	153
Balluff	15	199	2277	152
Wilson	15	163	2150	143
Kreitling	15	189	2070	138

Mr. M. Bloy of Denver, was with us and rolled 118, 142 and 130. Savage of Joliet, rolled 178, 163, 167.

ST. LOUIS.

The Market.

The cut flower business is dull and the stores have a somewhat deserted look. Occasionally we hear of an extra good funeral order.

Stock seems quite plentiful, though first-class roses and carnations are scarce. The best of the roses bring from $4 to $5, but the bulk of them are sold at about $2. Most of them are very short stemmed. Carnations are very small, off color, short stemmed, and bring from 75 cents to $1 per 100.

The growers of carnations are now very busy getting their houses ready for planting, as the sentiment among them is the earlier they are housed the better.

Asters are more plentiful, and some are very fine and large; $1 and $1.50 is asked for the best; gladiolus sells at $3, but slowly; tuberoses are also quite plentiful at $5, double or single; hardy hydrangeas are in and are useful for cheap funeral work; 5 cents per head is the price asked.

Notes.

The wholesale houses of Berning and Kuehn are being repainted, the former green and slate color and the latter all white, and by the end of the week everything will look clean and sweet. Both are making great preparations for the fall trade.

The florists' picnic, last Wednesday, July 25, was attended by about sixty florists and their families. The boat ride down to Montesano Springs was a very pleasant trip and was enjoyed by all. A visit was paid to the North Floral Co. and Wilson's place and also to our old friend T. W. Guy, who is now out of the business, at whose places a very pleasant time was spent. The usual athletic events were done away with and the only enjoyment the young folks had was dancing. The return trip was begun at 3:30 p. m., arriving home at 6. Everybody seemed pleased with the day's outing.

J. Austin Shaw, representing Jackson & Perkins Co., called on the trade the past week. Mr. Shaw is on his way to Chicago and Detroit.

C. Young & Sons Co. are building a new house 180x25, for roses. Mr. W. Kruse of Gravious avenue is also building a new house 100x20.

The plans of Max G. Kern, the landscape gardener, for a new park at the Chain of Rocks, have been accepted by the park commissioners. The situation is beautiful. From the top of the hill the view is magnificent. The entire city can be overlooked and there is also a pleasing view up the river and on the Illinois side toward Alton. Already the park idea is in evidence. The grounds immediately adjoining the pumping station have been carefully laid out, and lawns are edged with gravel walks and decked with flower beds. It is estimated that the total cost of completing the park will be about $15,000, and all who have visited "The Chain" say that the natural beauty and scenic advantages of the place are sufficient to justify such an outlay.

SAMUEL S. PENNOCK. Wholesale Florist

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

L. F. Dintelmann, nurseryman of Belleville, Ill., was awarded a prize at the Paris Exposition for a display of fruit, and first premium on Winesap apples.

Bowling.

The bowling club rolled a few games Monday night. J. Austin Shaw was a visitor and rolled with the boys. The club seems to have lost all interest in bowling; the attendance was small and the rolling poor. None are going to the convention.

The following scores were made:

	1	2	3	4	Tot.	Av.
Kuehn	167	149	170	155	641	160
Weber	163	144	91	...	398	133
Young	136	161	97	...	394	131
Beneke	124	108	152	119	503	126
Shaw	96	115	149	132	492	123

J. J. B.

A SAD ACCIDENT.

Jennie and Bertie Lonsdale, daughters of Edwin Lonsdale, the well-known florist of Chestnut Hill, Philadelphia, were drowned at Ocean Grove, N. J., last Tuesday. They were bathing in the surf when they were carried out by a heavy undertow. Their calls for help were heard by a life guard, who succeeded in bringing the young women ashore, and doctors were at once summoned who did all they could to save the lives of the sisters, but to no purpose. They died while the doctors were endeavoring to restore them.

Thousands will sympathize with poor Mr. Lonsdale and his family in the terrible loss they have sustained.

THE ANNUAL Convention Number of The Florists' Review will be issued August 23 and will contain a report of the New York convention. Send advs. now.

WESTERLY, R. I.—In addition to the three new houses already erected or in course of construction, Mr. S. J. Reuter intends to build three more before cold weather sets in. These will be 20x150, 14x150, and 12x100.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Experienced grower of general stock, and especially carnations. Call at 349 West North ave., Chicago.

WANTED—Man for general work; must understand glazing. Call at 349 West North ave, Chicago.

WANTED—200 feet 4-inch sound wrought iron pipe, second hand, well threaded. Wheeler Floral Co., Mason City, Iowa.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

WANTED—Good quick propagator, one who can act as assistant to foreman of a large place. Address Q, care Florists' Review.

FOR SALE—Greenhouse in live western town, 5,000 population; no competition; nearest greenhouse 60 miles; small amount of cash required. Have in connection best confectionery, fruit and ice cream trade in city. Address G. B. D, care of Florists' Review.

FOR SALE—At a bargain on account of ill health, good florist business, everything nearly new; 8-room dwelling, barn, 5 greenhouses, 5000 feet glass, 2 boilers. Good plant, cut flower and nursery trade. Care of two cemeteries. Best shipping facilities. In a good business town. Address W. D. Chase & Son, New London, O.

FOR SALE—Greenhouses and stock, situated in an old settled town. An excellent opportunity for a practical man with small capital. Reason for selling, ill health. Address A. H., care of Florists' Review.

SITUATION WANTED—As foreman. Competent to take charge of large establishment with many departments. Highest references; married; one child. Address F. O., care Florists' Review.

SITUATION WANTED—Young lady wishes a situation in a florist store or to travel on the road for a firm; a good saleswoman; is capable of handling anything in the florist line; up in all its branches; a good design maker. Address Paulena Lafontaine, Oconomowoc, Wis.

FOR SALE—Carmody hot water boiler, heating 1,500 feet of 4-inch pipe. Good shape. Price $50.00. E. P. Hall, Shelbyville, Ky.

FOR SALE—One stationary steam boiler, heating capacity 5,000 square feet of glass; and one coil boiler, heating capacity 4,000 feet of glass; all guaranteed in perfect condition. Address Geo. Stafflinger, Springville, N. Y.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

WANTED—Unmarried man to take small commercial greenhouses in Ohio on shares; pays well; good reason for wishing to place entire charge with good all 'round florist; none but the well recommended need apply. Hamlin, care Florists' Review.

FOR SALE—Greenhouse boiler, 3x6 feet, upright; fifty-five 1¾-inch flues; water all around fire-box; cast-iron base; will heat 4,000 feet of glass or more; all in good condition. D. C. Noble, Columbia City, Ind.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

FOR SALE.

FLORIST'S ESTABLISHMENT and Stock

In thriving manufacturing town of 13,000. 7,000 feet of glass; 4 houses; in good running order; little opposition; energetic man could do all the business in the district; good design trade; new steam boiler and heating plant. Satisfactory reasons for selling.

A. H. EWING, Berlin, Ont., Canada.

Cut Flower Exchange,

404-412 East 34th St., New York,

NEAR THE FERRY.

Open Every Morning at 6 o'clock for the sale of CUT FLOWERS.

Wall space for Advertising purposes to Rent.

J. DONALDSON, SECRETARY.

Mention The Review when you write.

FOR SALE.

OAKLAND, CAL.—An elegant piece of property, 160 ft. front by 145 ft. deep. 10 minutes ride from center of city. Three large greenhouses, each 116x25 ft., well stocked. Elegant cottage of seven rooms, gas fixtures. Owner compelled by circumstances to go to the Alaska gold fields and must sell quickly. Cost $7,000. Will sell at great reduction. Write for price.

The above named property is a bargain and those desiring to purchase will do well to communicate with us. This is only one of the many properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 869.

FOR SALE.

1500 N. Cordata Compacta

in 2-inch pots, strong plants at $3 00 per 100. Also strong plants from bench, $2.00 per 100.

Chas. Schweigert, Niles Center, Ill.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

CYCLAMEN

Importation Just Received.
Crop Harvested May and June of this year.
.....STRICTLY NEW CROP.

SOW ONLY HUNT'S **Cyclamen Persicum Grandiflora,** The finest strain for FLORISTS' use, composed of all the **newest and latest shades and productions.**

WRITE FOR MID-SUMMER SEED LIST

CYCLAMEN PERSICUM GIGANTEUM, ALBUM—pure white, WHITE—carmine eye, ROSEUM SUPERBUM, CRIMSON KING, RUBRUM.

Our New Ribbon List, Ready July 21st. Something well worth the trouble of asking for.

Calceolaria, Primula, Cineraria, Pansy—all new, all excellent.

E. H. HUNT, CHICAGO. 76-78 WABASH AVENUE. .....Long Distance 'Phone Central 1751.

Mention The Review when you write.

KANSAS CITY, MO.

From a state of stagnation, which existed for two weeks, trade in the past few days has reached great activity, resulting from an unusual high rate of mortality. Orders for funeral work have been numerous, some quite large in proportion, including a few casket covers. Unfortunately good flowers are very scarce and a great mixture of material had to be used. Roses never were so small as now; we could not do business without Lilium Auratum and sweet peas, which are the best flowers in this market at the present time.

The topography of the city is a feature which first impresses the visitor to this town. Rising to an altitude of 500 feet and extending along the north and west sides of the city are the bluffs of the Missouri and Kansas Rivers. These bluffs will no doubt at some future time be transformed into and used as places of recreation. While excavating in the north bluff recently workmen discovered the skeleton of a mastodon which is now on exhibition at the public library.

From the summit on the west side one can get a full view of our sister city, Kansas City, Kansas.

This town is only half in size and population of Kansas City, Mo., yet the enormous business done there by the different packing houses and other industries affords employment to nearly one-half of the working classes of the two cities.

H. B. Laundy, the florist, located there twenty years ago, growing nursery stock and cut flowers, and says that trade with him is increasing every year. "Look at my property; I have no complaint to make." J. S. Short succeeded H. S. Smith three years ago, and seems to be getting his share of trade.

Mr. J. Austin Shaw spent three days with us last week and was strictly business during business hours. He was seen in the evening wearing a double-breasted Prince Albert coat and a silk hat, and might have been taken for a missionary from Pekin who had luckily escaped the Boxers.

PLANTS AND ROOTED CUTTINGS.

	Per 100
Asparagus Plumosus, 2¼-in h	$5.00
Asparagus Sprengeri, 2-in.	3.00
" " 2¼-in.	4 00
Begonia Rex, 2¼-in.	4.00
" " 3-in.	6.00
" " 3½-in.	8.00
Baby Primrose, 2¼-in.	4.00
Coleus, fancy, 2¼-in.	3.00
Cuphea (Cigar Plant) 3-in.	3.00
Cyperus (Umbrella Plant) 2¼-in	4.00
Dracaena Ind., 3-in.	$6.00
" " 5-in.	25.00
" " 6-in., extra.	50.00
Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in.	6.00
Maurandya, 2¼-in	2.00
Fuchsias, 2¼-in. $3.00; 3-in.	4.00
Geraniums, Ivy, 3½-in.	4.00
S. A. Nutt, Double Grant, La Favorite. Elizia, Glo. de France, etc, 2¼-in.	3.00
Happy Thought, 2¼-in.	4.00
Double New Life, 2¼-in.	6.00
Heliotrope, 2-in., $3.00; 4-in.	$6.00
Hydrangea, pink and white, 2¼-in.	5.00
Impatiens Sultani, 2¼-in.	3.00
Lemon Verbena, 2-inch	3.00
Pansy Plants	1.50
Var. Trailing Abutilon, 2¼-in.	4.00
Violets, Farquhar, 2¼-in.	2.50
" " 3in.	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00

ROOTED CUTTINGS. Per hundred.

Anthemis Cor., (Dble. Yellow Marguerite)	$1.50
Begonia Rex	2.00
Forget-Me-Not, winter flower	2 00
Geraniums, sweet, in variety	$1.50
Named	1.50
Happy Thought	2.00
Silver Leaf	1.50
Freak of Nature	2.50
Geraniums, Bronze	$1.50
Mrs. Pollock	2.00
Vinca	1.25
" per 1000	10.00
Snow Crest Daisy	2.00

Write us for prices on 1,000 lots. Terms—Cash or C. O. D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

...THE ANNUAL...
Convention Number
OF THE
Florists' Review
WILL BE ISSUED
AUGUST 23,
and will contain a report of the New York Convention.
Send Advs. Now for this Special Number.

POT GROWN
Strawberry Plants

Ready now. Send for circular. We also have a large quantity of Herbaceous Plants and Nursery Stock. Catalogue free.
THE ELIZABETH NURSERY CO.. - Elizabeth, N. J.

Other visitors were O. R. Sifrit, representing the Dayton Paper Novelty Co., and J. P. Coen, Jr., of Lexington, Mo. H. J. M.

CANADIAN HORT. ASS'N.

The printed program of the third annual convention of the Canadian Horticultural Association, to be held in Montreal August 16 and 17, has been issued, and copies may be had by addressing A. H. Ewing, Sec'y, Berlin, Ont.

Sago Palms!

Fine Plants in all sizes. Well grown, and perfect leaves. One of the best summer and fall plants for retailing. They run from five to twelve leaves. In small size pots that can be shifted and save freight.

5 to 7 leaves,	$ 6.00 per doz.
7 to 9 leaves,	9.00 per doz.
9 to 12 leaves,	15.00 per doz.

Can be sent safely by freight.
Cash please. Satisfaction guaranteed.

Cyperus Alternifolius
3-inch. fine well-grown, $5.00 per 100.

Jasmine Grandiflora
Very fine for cut flowers—always in bloom—4-in. pots, strong plants, $1.50 per dozen. . . . . .

CRITCHELL'S,
CINCINNATI, O.

Mention The Review when you write.

DREER'S Special Offer of SEASONABLE STOCK



ARAUCARIA EXCELSA.

ARAUCARIA EXCELSA. (Norfolk Island Pine.)

Our stock of these is exceptionally large, especially in small and medium sizes, for which there is always a strong demand.

4-inch pots,	6 to 8	inches high,	2 to 3	tiers	50 cts.	each
4 "	8	"	3	"	60 "	"
6 "	12 to 14	"	3	"	$1 00	"
6 "	16 to 18	"	4	"	1.25	"
7 "	20 to 24	"	4 to 5	"	2.50	"

ASPARAGUS SPRENGERI.

A fine lot of strong plants in

2-inch pots	$5.00 per 100,	$40.00 per 1000
4 "	1.50 per doz.,	12.00 per 100
6 "	4.50 "	35.00 "

ASPARAGUS PLUMOSUS NANUS.

A fine lot of thrifty young plants ready to pot up.

2-inch pots .....75 cts per doz., $6.00 per 100, $50.00 per 1000

FICUS ELASTICA. (Rubber Plant.)

4-inch pots,	10 to 12	inches high	$4.00	per doz.,	$30.00 per 100
6 "	15 to 18	"	6.00	"	50.00 "
6 "	20 to 24	"	9.00	"	75.00 "

For a full line of Decorative plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

HENRY A. DREER, 714 CHESTNUT ST. PHILADELPHIA, PA.

Mention The Review when you write.

For Ten Days Only!

100,000 plants for sale at half price and less to make room.

Roses—20,000 strictly A1 plants, 3½ and 4-in. (big fellows), Bride, Perle, Meteor, Maid and Golden Gate, only 4c.; worth 10c. The same in 2½ and 3-in., only 3c.; cheap at 6c.

Smilax—15,000 double extra, guaranteed as good as you ever planted, $1.00 per 100, $10.00 per 1000; as many as you want.

Geraniums—10,000 Bruanti (dbl scarlet) and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders; strong 2½ and 3-in, only $1.50 per 100. Bear in mind this is only the price of Rooted Cuttings, and you can't buy them for double that in a month.

Boston Ferns—(they're beauties), strong 2½ and 3-in., only 5c; stock limited.

Dbl. Fringed Petunias and Coleus—In superb collection. Ageratum (Princess Pauline) and White Lady, only 1c.

Fuchsias—Strong 4-in., $1.00 per doz; 2 and 2½-in., $1.50 per 100.

Calla Bulbs—Strong 8 and 10c. size for 5c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., ready for 4s, $4.00 per 100. Heliotrope, the very best dark blue, strong grower, new field-grown stock, plants full of cuttings, ready for 5-in. pots, $10 per 100. Coleus, newest and latest varieties, fancy colors in flats, large plants, $1.00 per 100. Cinerarias, superb strain, in flats, ready for shifting, $1.50 per 100.

PANSY SEED.

New crop, superb strain, prize mixture, of Bugnots, Cassiers and Odier, ¼ oz., 75c; oz., $2 50. Separately—¼ oz., $1.00; oz., $3 00. Trimardeau. $2.00 per oz.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Last Call. Don't Miss

the opportunity to display your horticultural goods, plants, seeds, supplies and knick-knacks

At the.....

Greatest Convention and Exhibition of the S. A. F.

to be held in New York, August 21st to 24th.

For space and terms apply at once to the manager,

JOHN P. CLEARY, 60 VESEY STREET, NEW YORK CITY.

PLANTS...

Celery, Tomato, Cabbage, Peppers, Etc.

Cheap in Large Lots.

J. S. LINTHICUM, WOODWARDVILLE, A. A. Co., MD.

Mention The Review when you write.

...TO CLEAN UP...

5,000 Geraniums, mixed, 2¼-in	$1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
1,000 Fuchsias, mixed, 2¼-in	1.50
2,000 Salvias, 2½-in	1.50

The MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

CHICAGO TO NEW YORK.

The Chicago Florists' Club's Committee on Transportation to the New York Convention of the Society of American Florists, to be held Aug. 21, 22, 23 and 24, has arranged with the Lake Shore and Michigan Southern Railway for a special train, which will be vestibuled, and will contain as many Pullman sleepers as may be necessary, a buffet smoking car, a dining car and a day coach.

The running time of this train will be as follows:

Leave Chicago, 3 p. m., Sunday, Aug. 19.
Arrive Niagara Falls, 7:30 a. m., Monday, Aug. 20.
Leave Niagara Falls, 9:30 a. m., Monday, Aug. 20.
Leave Buffalo, 10:20 a. m., Monday, Aug. 20.
Arrive Grand Cent. Sta., N.Y., 9 p. m., Monday, Aug 20.

The railroad fare for the round trip will be $26.70 on the certificate plan. The sleeping car fare will be $5.00 for a double berth to New York. But if sleeper accommodations are desired to Buffalo only, sleeper tickets from Chicago to Buffalo may be had for $3.00 and the remainder of the distance travelled in the day coach.

At Niagara Falls an hour will be devoted to a trip around the Gorge Route Electric Line, which on the American side runs for miles below the falls along the rapids, whirlpool, etc. Special trolley cars will await the arrival of our special train.

Those not wishing to take the trip through the gorge can devote their time to seeing the falls in any way they desire.

Returning from New York the members of the party have the option of returning by all rail route, or of taking the boat as far as Albany. And as a daylight ride up the Hudson is an exceedingly enjoyable trip, the majority will no doubt take advantage of it. The boat leaves New York, foot of Desbrosses street at 8:40 a. m. daily, reaching Albany at 6:10 p. m. A west-bound train leaves Albany at 10 p. m., which arrives Chicago at 9 p. m. next day. To any preferring the lake trip Buffalo to Cleveland the privilege of taking the C. & B. Transit Co.'s boat is afforded.

Berths may be reserved in the special sleepers by addressing L. F. Vosburgh, City Passenger and Ticket Agent, Lake Shore and Michigan Southern Railway, 180 Clark street, Chicago, who will also supply any other information desired. Railroad tickets may be had at above address or at the Lake Shore Station, Van Buren street.

In reserving berths be careful to state whether you wish a berth to New York, or to Buffalo only, and mention that you desire to travel in the Florists' Special Train.

By vote of the Chicago Florists' Club the Committee was instructed to invite all florists in the west to travel with the Chicago party and to share the advantages secured by the Committee. We shall be pleased to have your company on this trip. The New York Convention promises to be a memorable one, and every florist who can possibly do so should go.

Please make your berth reservations as early as possible.

G. L. GRANT,
W. N. RUDD,
WALTER KREITLING,
} Transportation Committee, Chicago Florists' Club.

DETROIT.

The Detroit Florists' Club will be on hand at the convention about 25 strong and expect to bring home at least two of the cups given as trophies in the bowling contest (that is, if we can bowl good enough). We shall go via Michigan Central and New York Central to Albany, and then down the Hudson by daylight, arriving at Desbrosses street at 6:30 p. m., August 20th, and will stop at the Murray Hill Hotel.

We are having cool nights and plenty of rain, causing carnations to make a fine, strong growth, and the growers are busy planting. The supply of cut stock seems equal to the demand. RAG.

CLEVELAND, O.—Fire almost totally destroyed the greenhouses of Frank Williams in Glenville July 23. The fire originated in the boiler room. The loss is estimated at $6,000.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND AND RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

Carnation Blooms...
In Unlimited Quantities,
Shipped to all points.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perle and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
Valley	3.00 to 5.00
Sweet Peas	.10 to .25
Lilies	8.00 to 10.00
Adiantum	.50 to 1.00
Common Ferns	per 1000, $1.00
Smilax	per doz., $1.00 to 1.50
Asparagus	" 5.00 to 6.00

All Flowers in Season.

SEEDS AND BULBS.

Callas, select, 1¼ to 1½-in. diam., per 100	$5.00
" " 1½ to 1¾ " "	7.00
" " 2 to 2½ " "	9.00
Bermuda Freesias, ⅜-in. and up, per 1000	5.50
" " ½ " " "	6.50

Harrisii Lilies, Longiflorum, Roman Hyacinths, Paper Whites. **Prices on application.**

All Dutch Bulbs in Season.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Choicest Mixture	.50
Gloxinia Hybridi, Choicest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems, fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
Cape Flowers, white, per lb	.85
" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second " .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastica, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45, 47, 49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

California Grown Bulbs

	Per 100	Per
Calla Lilies, monster bulbs	$7.00	10.0
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3 50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering, healthy bulbs. Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers, $20.00 per 100.

F. LUDEMANN,

Pacific Nursery, San Francisco, Cal.

.....THE.....

MURRAY HILL HOTEL

Park Ave., 40th and 41st Sts.,

NEW YORK.

One block from Grand Central Station.

Two blocks from the S. A. F. Convention Hall.

AMERICAN and EUROPEAN PLAN.

Coolest Hotel in the city, at special rates for S. A. F. Members.

Baggage transferred to and from Grand Central Station FREE OF CHARGE.

GERANIUMS....

Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey. All clean healthy stock from 2 and 2½-in. pots, at $2.50 per 100. Also Mme. Bruant from 3-in. pots, at $3.50 per 100.

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

Mention The Review when you write.

FOR

PALMS

Write to **Walter Retzer & Co.**

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

....THE ANNUAL....

Convention Number

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WILL BE ISSUED

August 23,

and will contain a report of the New York Convention.

Send Advs. Now for this Special Number.

CELERY and CABBAGE

CELERY. Pink Plume (extra strong), Golden Self-Blauching, Giant Pascal, Golden Heart, New Rose and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CABBAGE. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

KALE. Dwarf Green Curled Scotch, same price as Cabbage. If any of the above by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertiser

BUFFALO TO NEW YORK.

While we are assured of a good delegation from our city to the convention, it will, from various causes, be unlikely that we shall all travel by one route. The N. Y. C. & H. R. R., the Erie, the Delaware & Lackawanna, and the Lehigh Valley, all have evening trains which reach New York about 7 a. m., and all give the one-third rate on return on the certificate plan. The fare and a third on the New York Central is $12.33. On the other roads it is $10.70. Obtain your tickets a few hours in advance, as it takes time for the agent to fill out the certificate.

The Chicago delegation have chartered a special train and have kindly invited the Buffalo delegates to join them. There will be a day coach attached to the train which will leave Buffalo at 10:20 a. m., Monday, August 20th, arriving in New York at 9 p. m. Anyone wishing to join the Chicago party will please notify William Scott, Main and Balcom Sts., not later than Friday, August 17th.

DANIEL B. LONG,
WILLIAM SCOTT,
Committee.

MILWAUKEE.

Business is fair, considering the season, and good quality of stock finds a ready market, but poor and inferior grades are kept moving at any price. In outdoor stock, sweet peas, asters and gladiolus predominate, and only the choicest bring a respectable price. Carnations and Beauties of good quality are scarce.

Park Superintendent Klokner is getting the parks in fine shape. A 200-foot pansy bed in Lake Park, filled with the choicest strains, is much admired by the visitors.

Some building is being done. C. C. Pollworth Co. have added a new house for the growing of ferns, and William Edlefsen has a palm house under construction. Fred Schmeling and H. Schwebke have just received their material for the erection of several houses each.

It is expected that C. C. Pollworth, C. B. Whitnall, H. Hunkel, William Edlefsen, Nick Zweifel, A. Klokner, W. A. Kennedy and E. Haentze will attend the convention from here. A bowling team will be entered and if competition is the life of business they expect to make it lively and set the pace for Chicago, so if they fail to land the cups they ought to land the convention for 1901. GEO. W.

NEPHROLEPIS WITTBOLDII.

This splendid new nephrolepis, which originated with the Geo. Wittbold Co., Chicago, is redeeming its early promises and will without doubt be a prominent factor in the trade when introduced. It is a big advance on the Boston fern in many ways.

50,000 FIRST QUALITY FORCING ROSES. READY FOR IMMEDIATE PLANTING.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

AMERICAN BEAUTY, METEOR, BRIDESMAID, SAFRANO, BON SILENE, PERLE, KAISERIN, MAID OF HONOR, BRIDE.

3-inch pots, $7.00 per 100; 4-inch pots, $10.00 per 100.

Grafted Roses. MAID OF HONOR, GOLDEN GATE, 3½-inch pots, $15.00 per 100. LIBERTY, 4-inch pots, $8.00 per doz.; 50 plants for $24.00.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

Roses To Close:

		Per 100	Per 1000
100 Am Beauties	4-inch,	$6.00	
140 Perles	3-inch,	3.50	
250 Perles	2½-inch,	3.00	
1000 Bridesmaids	2½-inch,	2.50	$20.00
1250 Golden Gates	2½-inch,	2.50	20.00

PHŒNIX CANARIENSIS, 5 and 6-inch pots, $2.50 per doz.; $20.00 per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

SPECIAL OFFER.

Rose Plants

To clean out and finish planting we have to offer the following 2½-inch rose plants:

5000 Meteors, - $20 per 1000
4000 Brides, - - $20 "

Will sell the lot for $135

This stock is clean and in good condition, especially the Meteors, which are very fine.

J. A. BUDLONG,

37 & 39 Randolph Street, - CHICAGO, ILL.

Mention The Review when you write.

ROSES

in fine condition. Bride, Bridesmaid, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

Mention The Review when you write.

METEOR ROSES

METEOR, 3½-inch pots, $4.00 per 100; $37.50 per 1000.

Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.

BRANT & NOE, Forest Glen, Chicago, Ill.

Mention The Review when you write.

...THE ANNUAL...

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WILL BE ISSUED
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and will contain a report of the New York Convention.

Send Advs. now for this Special Number.

SPECIAL ROSE PLANTS.

GROWN FOR OUR OWN USE.

1500 BRIDES. 300 METEOR.
600 BRIDESMAID. 100 BEAUTY.

Also Surplus Plants.

CHOICE CHRYSANTHEMUMS.

WRITE FOR PRICES.

J. M. CASSER, Wholesale Grower of CUT FLOWERS,

Euclid Ave., CLEVELAND, O.

Mention The Review when you write.

ROSES Brides, Maids, Perles, Meteors, 2½-in., strong, per 100, $3.00

FINE PLANTS.

SMILAX Strong, 2½-in., per 100, $2.00; per 1000, $18.00

FOR CASH.

J. N. KIDD, ST. JOSEPH, MO.

Mention The Review when you write.

SEE LAST WEEK'S Adv. and make us an offer on what you want

60,000 Feet of Glass. GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Golden Gate.

200 Golden Gate Rose Plants, 3-inch,

$3.00 per 100. First class stock.

FRED J. KING, Ottawa, Ill.

Mention The Review when you write.

...ROSES Per 100

300 Brides, 2½-in., $2.50; 250 Maids, 2½-in., $2.50; 100 Belle Siebrecht, 2½-in., $2.50; 100 Kaiserin, 2½-in., $2.50; 50 Wootton, 2½-in., $2.50.

Begonia Rex, in good assortment, 400 in 2½ and 3-in. $3.00 per 100; 100 3½-in., $6.00 per 100.

Smilax, 200 2½-in., per 100, $2.00.

ISAAC MILES, - - Oshkosh, Wis.

Mention The Review when you write.

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3.00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late

	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	3.00
Golden Wedding	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

Chrysanthemums.

5000 Ivory,

1000 Mme. F. Bergmann,

$3.00 per hundred **$25.00** per thousand

Also many other varieties in limited quantity.

NATHAN SMITH & SON,

ADRIAN, MICH.

Mention The Review when you write.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER.
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street,

BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Mention The Review when you write.

Begonia... Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

CHINESE... PRIMROSES

50,000 Finest Large Flowering Fringed, per 100, $2.00; per 1000, $18.00
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ABUTILON.

Trailing abutilon, 2¼-in., $4.00 per 100.
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ARAUCARIAS.

Araucaria excelsa. Our stock of these is large, especially in small and medium sizes.

Pot.	Height.	Tiers.	Each.
4-in.	6 to 8 in.	2 to 3	$0.50
4-in.	8 in.	3	0.60
6-in.	12 to 14 in.	3	1.00
6-in.	16 to 18 in.	4	1.25
7-in.	20 to 24 in.	4 to 5	2.50

H. A. Dreer, 714 Chestnut st., Philadelphia.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

A. sprengeri, 2-in., $5.00 per 100, $40.00 per 1000; 4-in., $1.50 per doz., $12.00 per 100; 6-in., $4.50 per doz., $35.00 per 100. A. plumosus nanus, 2-in., 75c per doz., $6.00 per 100, $50.00 per 1000. H. A. Dreer, 714 Chestnut st., Philadelphia.

Asparagus Plumosus Nanus. Transplanted seedling plants, for July and August delivery, ready for 2½-inch pots at $3.00 per 100; $25.00 per 1000; 500 at thousand rates. Express prepaid. Cash with order.
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Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
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Asparagus plumosus nanus. Heavy 10 ft. strings 50c per string. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

Asparagus plumosus, 2¼-in., $5.00; A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, 2½-in. pots, $4 per 100; $30 per 1000. 3-in. pots, $5 per 100.
Edw. J. Taylor, Southport, Conn.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

Asparagus Sprengeri, 2-in. pots, fine large plants, $2.00 per 100. C. Winterich, Defiance, O.

Asparagus Sprengeri, 2-in., $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

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Fine, stocky plants from the field. Ostrich Feathers, Queen of the Market, Semple's, Victoria, Vick's and Truffaut's Perfection, 35c per 100; 300 for $1.00; $2.50 per 1000.
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See Smilax and Vegetables.

Send in your order now for a copy of the Florists' Manual.

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Azalea Amoena, one of the choicest hardy, dwarf shrubs. Rooted cuttings, $4.00 per 100 by mail; $25.00 per 1000. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

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Azalea indica. Ask for prices.
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Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
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Begonia Rex, 2¼-in., $4.00, 3-in., $6.00. 3½-in., $8.00 per 100. Rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

2000 mixed begonias, 1000 Erfordi and 1000 red vernon in 2¼-in., $1.50 per 100. Cash.
Morris Floral Co., Morris, Ill.

Begonia rex. 400 2½ and 3-in., $3.00 per 100; 100 3½-in., $6.00 per 100.
Isaac Miles, Oshkosh, Wis.

BULBS.

Harrisii. First shipment just received. Buy now and plant for early flowers. Bermuda Freesias, first size, 65c per 100, $5.50 per 1000; large bulbs, 75c per 100, $6.50 per 1000. Callas. Prime stock now in, early orders have first selection. Per 100, 1¼ to 1½-in. in dia., $5.00; 1½ to 1¾-in., $7.00; 2 to 2½-in., $9.00.
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California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100, $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs.
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Freesia bulbs, for immediate delivery.
¼ to ⅜-inch diameter.....$0.75 per 1000
⅜ to ½-inch diameter..... 1.75 per 1000
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The smaller bulbs will prove as satisfactory as the larger if planted early. Johnson & Musser Seed Co., Los Angeles, Cal.

Freesia Bulbs. We offer our surplus of freesia bulbs, size: ¼ to ½-in. diameter, $1.00 per 1000; ½ to 1-in., $2.50 per 1000. Expressage prepaid. Cottage Nursery, San Diego, Cal.

Warnaar & Co., late van Heemstra & Co., and Jac. Wezelenburg. Headquarters for Hyacinths, Narcissus, Tulips. Sassenheim, Holland. Ask for U. S. references as to quality.

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Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

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Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer. 85 Dey St., N. Y.

Beerhorst & Van Leeuwen, Sassenheim, Holland, growers of all kinds of Dutch Bulbs.

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Orders now booked for fall delivery of field grown carnation plants. Geo. Hancock & Son, Grand Haven, Mich.

Carnations, novelties and standard sorts. Catalogue free. F. Dorner & Sons Co., LaFayette, Ind.

From field. Flora Hill, White Cloud, Victor, Scott, America, etc.
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Field-grown plants ready Aug. 1, for planting in. Strong stock.
Dana R. Herron, Olean, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CHRYSANTHEMUMS.

Chrysanthemums, now is the time to plant them. We are offering extra fine, vigorous plants from 2 and 2½-in. pots. Everybody likes them. For varieties and price see display adv. in this issue.
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Surplus lot, strong, single stem plants. 650 Ivory 2½-in., 200 Bergman 2½-in., 100 Robinson 2½-in., $1.75 per 100, the lot $14.00.
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5000 Ivory and 1000 Mme. F. Bergman, $3.00 per 100; $25.00 per 1000. Also many other varieties in limited quantity.
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3,500 Chrysanthemums. All the new ones of last year, $2.00 per 100.
James Morton, Clarksville, Tenn.

Surplus plants of choice chrysanthemums. Write for prices. J. M. Gasser, Cleveland, O.

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Cinerarias. Superb strain, in flats ready for shifting, $1.50 per 100.
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Cinerarias ready Aug. 20th, $2.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

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Growers and Exporters. Geo. Jackman & Son, Woking Nurseries, Surrey, England.

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Coleus. Newest varieties, fancy colors, large plants in flats, $1.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

Coleus, fancy, 2¼-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

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Cycas revoluta stems, assorted sizes, 3 to 12 lbs., $8.00 per 100 lbs. while unsold. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Cyclamen giant splendens, 2-½-in. pots, fine, strong, good plants, $4.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen. Fine, large plants, 3-in., ready for 4's, $4.00 per 100.
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CYPERUS.

Cyperus alternifolius, 2½-in. pots, ready to shift to 4-in., $2.50 per 100, $20.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.
See Smilax and Roses.

Cyperus alternifolius, 3-in., fine; well grown, $5.00 per 100. Cash. Critchell's, Cincinnati, O.

Cyperus (Umbrella plant), 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

DAISIES.

Anthemis (dbl. yellow Marguerite), $1.50 per 100. Snow Crest, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

DRACAENAS.

Dracaena indivisa, 3-in., $6.00; 4½-in., $25.00; 5-in., $35.00; 6-in., $50.00.
Greene & Underhill, Watertown, N. Y.

Dracaena terminalis, 4-in., $15.00 per 100. J. B. Heiss, Dayton, Ohio.

FERNS.

Fern Spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
Wm. A. Bock, No. Cambridge, Mass.

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1,500 N. cordata compacta, strong plants, 2-in., $3.00 per 100; strong plants from bench, $2.00 per 100.
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Ferns for fern dishes. Tremula, Maidenhair, Pteris cretica lineata, $3.00 per 100; Pteris argyraea (silver fern), 4c.
McGregor Bros., Springfield, Ohio.

Adiantum Farleyense. Nice young plants, ready for a shift, 2½-inch pots, $10.00 per 100. J. A. Peterson, Florist, 405 Race Street, Cincinnati, O.

Boston Ferns, $10.00, $15.00 and $20.00 per 100. Good value. Cash with order. J. W. Howard, Somerville, Mass.

Boston Ferns. Strong 2½ and 3-in., only 5c. Stock limited. Cash.
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Ferns for jardinieres, in flats, $2.00 per flat. Boston ferns, 6c, 15c, 25c, 35c.
Bobbink & Atkins, Rutherford, N. J.

Boston Ferns ready for 4-in. pots, $5.00 per 100; 5-in., $10.00 per 100.
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Adiantum Farleyense, fine stock, 6-in., 50c each. J. B. Heiss, Dayton, Ohio.

Fine Pteris tremula, 2-in., $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Boston ferns ready for 5-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

For Boston ferns write John Welsh Young, Germantown, Pa.

FICUS.

Ficus elastica, 4-in., 10 to 12 in. high, $4.00 per doz., $30.00 per 100; 6-in., 15 to 18 in. high, $6.00 per doz., $50.00 per 100; 6-in., 20 to 24 in. high, $9.00 per doz., $75.00 per 100.
H. A. Dreer, 714 Chestnut st., Philadelphia.

FRUIT PLANTS.

Pot-grown strawberry plants ready now. Send for circular. We also have a large quantity of herbaceous plants and nursery stock. Catalogue free.
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Moore's Early Grapes (genuine). Bearing vines, 2 yrs. trans., $2.00 per 100.
Chas. B. Hornor & Son, Mt. Holly, N. J.

100,000 pot-grown strawberry plants, new and old varieties. Send for circular. Jas. McColgan & Co., Atlantic Highlands, N. J.

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Fuchsias. Strong 4-in., $1.00 per doz.; 2 and 2½-in., $1.50 per 100. Cash.
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Fuchsias, 2¼-in., $3.00, 3-in., $4.00 per 100.
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1000 fuchsias, mixed, 2¼-in., $4.00. Cash.
Morris Floral Co., Morris, Ill.

GERANIUMS.

Geraniums. Per 100: Ivy, 3½-in., $4.00; S. A. Nutt, Dbl. Grant, La Favorite, Eliza, Gloire de France, etc., 2¼-in., $3.00; Happy Thought, 2¼-in., $4.00; Dbl. New Life, 2¼-in., $6.00. Rooted cuttings. Sweet, in variety, $1.50; Happy Thought, $2.00; Silver Leaf, $1.50; Freak of Nature, $2.50; Bronze, $1.50; Mrs. Pollock, $2.00.
Greene & Underhill, Watertown, N. Y.

10,000 Bruanti (dbl. scarlet), and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders, strong 2½ and 3-in., only $1.50 per 100. Bear in mind this is only the price of rooted cuttings; you can't buy them for double this price in a month. Cash.
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Mme. Bruant, La Favorite, B. Pointevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey, all clean, healthy stock from 2 and 2½-in., $2.50 per 100. Mme. Bruant, 3-in., $3.50 per 100. New mammoth scarlet, Clyde, $3.00 per doz. W. E. Hall, Clyde, Ohio.

900 rose geraniums, 2½-in. pots; 500 assorted geraniums, 3-in. pots; 200 Mme. Salleroi, 3-in. pots, at $2.00 per 100.
James Morton, Clarksville, Tenn.

5,000 geraniums, mixed, 2¼-in., $1.50 per 100.
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HARDY PLANTS.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Andorra Nurseries. William Warner, Prop., Chestnut Hill, Philadelphia, Pa. Specialties: Large Specimen Ornamental Trees, Large Hardy Rhododendrons and Azaleas.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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Heliotrope. The best blue, new field-grown plants, full of cuttings, ready for 5-in. pots, $10.00 per 100.
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Heliotrope, 2-in., $3.00, 4-in., $6.00 per 100.
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HYDRANGEAS.

Hydrangea, pink and white, 2¼-in., $5.00 per 100.
Greene & Underhill, Watertown, N. Y.

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Jasminums. Maid of Orleans, Grand Duke, Grandiflora, Sambac or Arabian, Revolutum, strong, thrifty plants, 3-in. pots, $6.00 per 100.
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Jasmine grandiflora, very fine for cut flowers, always in bloom, 4-in., strong plants, $1.50 per doz. Cash. Critchell's, Cincinnati, O.

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Arrived fresh from the woods in fine condition, Laelia crispa, L. flava, L. grandis tenebrosa, L. Perrinii, Oncidium varicosum Rogersii, Cattleya Percivalliana, C Mossiae, Laelia anceps and L. autumnalis.
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Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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PALMS, ETC.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	.15	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
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Kentia Belmoreana. Seedlings, $40.00 per 1000; 2-in. pots, $60.00 per 1000. Also plants, from $1.50 to $8.00 each. Areca Lutescens Seedlings, $2.00 per 100; $18.00 per 1000. Pandanus Veitchii, fine large plants in 8-inch pots, $2.50 each. Pandanus Utilus, 8-inch pots, from $1.00 to $1.50 each. John Scott, Keap Street Greenhouses, Brooklyn, N. Y.

6 large Ficus elastica, 8 ft. high, 5 ft. in diameter, grown in tubs, $5.00 each. 6 large Latania borbonica, 5 ft. in diameter, grown in half-barrels, $8.00 each. 1000 Latania borbonica, from 2½-in. pots, $3.00 per 100.
James Morton, Clarksville, Tenn.

Sago Palms. Fine plants in all sizes. Per doz., 5 to 7 leaves, $6.00; 7 to 9 leaves, $9.00; 9 to 12 leaves, $15.00. Cash. Can be sent safely by express. Satisfaction guaranteed.
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Fresh seeds and in fine condition. Kentia Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Phoenix canariensis, elegant stock, 4½ to 5-in. $20.00 per 100. Chamaerops excelsa, 5-in., $25.00, 4-in., $20.00 per 100. J. B. Heiss, Dayton, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Phoenix canariensis, 5 and 6-in., $2.50 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
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For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Areca lutescens, Kentias Belmoreana and Forsteriana. Jos. Heacock, Wyncote, Pa.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Herr's pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100, 250 for $1.50, 500 for $2.50; by express at your expense $4.00 per 1000. A. M. Herr, Lancaster, Pa.

Pansy plants, $1.50 per 100.
Greene & Underhill, Watertown, N. Y.

PETUNIAS.

500 petunias, dbl. white, 2½-in., $2.00 per 100.
James Morton, Clarksville, Tenn.

If you read these advs. others would read yours.

POINSETTIAS.

150 strong poinsettia plants, 1½ years old. Chas. Frueh & Sons, 1116 Hoyt st., Saginaw, Mich.

PRIMROSES.

Chinese primroses. 50,000 finest, large flowering fringed, $2.00 per 100, $18.00 per 1000. Obconica grand. fimbriata Rosea and Forbesii, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Primula chinensis from flats, strong plants, six colors, mixed, $1.50 per 100; from 2-in. pots, $2.00 per 100. Cash with order. H. Stahlhut, New Lots and Shepherd Ave., Brooklyn, N. Y.

Primrose plants. Fine stock, ready for shifting, $2.00 per 100. W. B. Woodruff, Florist, Westfield, N. J.

Baby Primrose, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

TO CLOSE OUT.		Per-100.	Per 1000.
2000 Kaiserins,	3 and 3½	$3.00	$25.00
2000 Golden Gate,	3 and 3½	3.00	25.00
2000 Bridesmaids,	3 and 3½	3.00	25.00
1000 Meteors,	3 and 3½	3.00	25.00
500 Garrett,	3 and 3½	3.00	25.00
500 Brides,	3 and 3½	3.00	25.00
500 Perles,	3 and 3½	3.00	25.00
500 Mermets,	3 and 3½	3.00	25.00

500 Am. Beauties, 2½-in., $5.00 per 100, or $20.00 for the 500. These are all fine plants. Cash with order.
Mrs. J. W. Crouch, Chattanooga, Tenn.

Chris. Hansen, St. Paul, Minn., can fill your orders for cut flowers always on time.

Grafted Brides, Maids, A No. 1.		Per 100.
Grafted Brides and Maids....	4- in. pots,	$15.00
Grafted Brides and Maids....	2½ in. pots,	9.00
Meteors	4 in. pots,	8.00
Meteors	3 in. pots,	6.00
Meteors	2½ in. pots,	4.00
Perles and Sunsets	4 in. pots,	8.00
Perles and Sunsets	3 in. pots,	6.00
Smilax	3 in. pots,	3.00

ROSE PLANTS	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches.....		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Only selected growths from flowering shoots used in propagating. American Beauty, Meteor, Bridesmaids, Safrano, Bon Silene, Perle, Kaiserin, Maid of Honor and Bride, 3-in., $7.00; 4-in., $10.00 per 100. Grafted roses—Maid of Honor and Golden Gate, 3½-in., $15.00 per 100; Liberty, 4-in., $8.00 per doz.; 50 plants for $24.00. J. L. Dillon, Bloomsburg, Pa.

ROSES—Continued.

To clean out and finish planting we have to offer the following 2½-in., rose plants: 5000 Meteors, $20.00 per 1000; 4000 Brides, $20.00 per 1000. This stock is clean and in good condition, especially the Meteors which are very fine. J. A. Budlong, 37-39 Randolph St., Chicago.

	—2½-inch pots—		—3-inch pots—	
	Per 100	Per 1000	Per 100	Per 1000
Brides	$3.00	$25.00	$5.00	$45.00
Maids	3.00	25.00		
C. Soupert	3.00	25.00	5.00	45.00
Am. Beauties			8.00	75.00

J. B. Heiss, Dayton, Ohio.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. Maid, Bride, Perle, 3½-in., $8.00, 4-in., $10.00. Also Sunset, Meteor, Morgan, Mermet, La France, Niphetos, Kaiserin, Golden Gate, Maid of Honor. Grafted Bride, large 4-in., $20.00 per 100. A. S. MacBean, Lakewood, N. J.

2000	Golden Gate,	3 inch	pots	$3.00
1000	Bridesmaid	3 "	"	3.00
1000	Bride,	3 "	"	3.00
1000	Meteor,	3 "	"	2.50
1000	Smilax,	3 "	"	2.50

The above are clean and very strong plants. J. D. Brenneman, Box 24, Harrisburg, Pa.

Roses. To close. 100 4-in. American Beauties, $6.00 per 100; 140 3-in. Perles, $3.50, 250 2½-in. Perles, $3.00 per 100; 1000 2½-in. Bridesmaids, $2.50 per 100, $20.00 per 1000; 1250 2½-in. Golden Gate, $2.50 per 100, $20.00 per 1000.
W. B. Sands, Lake Roland, Baltimore, Md.

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Aug. Neubeck, 111 Nassau St., New York.

WATER TANKS.

Cypress water tanks. W. E. Caldwell Co., 1990 Brook St., Louisville, Ky.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash av., Chicago.

BALTIMORE.

State of Trade.

Like the boy's apple, "there ain't no core" to it. Occasional funeral requirements call for white flowers, which are hard to find of a quality to fit them for high grade uses. Carnations are becoming very scarce. Roses —Kaiserins, Perles and Cochets—are to be had, but under the sweltering summer heat of the past two weeks are poor in quality and hard to keep in any sort of condition. The White Cochet, whether due to the excessively high temperature or to drought, on account of the reddish outer petals, is this year not the useful rose that was predicted. The Golden Gate is proving itself almost as valuable as any of its compeers as a summer rose. It holds up well, keeps form and color, and, save for its deficient foliage, is adapted for any uses. Sweet peas are deficient, the green aphis, which infests our edible sorts, having fixed its attention now on this class, and many plantings are utter failures.

Greater animation exists as the florists' convention in New York comes nearer, and there seems a probability that at least a presentable delegation from Baltimore will put in an appearance, and that no longer will the sole representative of Maryland, as for several years past, be our good friend Richard Vincent. The proximity of the meeting, its attractions and the good results to be expected from participation in its proceedings, ought to secure the attendance of many of the trade. It is said to-day (July 30) that about a dozen are booked to attend from this vicinity.

Personal Notes.

Edwin A. Seidewitz has achieved his purpose, chronicled some months ago in this correspondence, of securing a suitable place for his growing business requirements, in our suburbs, near Arlington. He has just bought there some eighteen acres of land, which will be devoted to greenhouse and nursery products.

Theodore Eckhardt, whose return to this region was duly noted, has engaged with Mr. Seidewitz, and it is understood will have charge of his improvements and of the new establishment. This will include not only greenhouses, but a nursery of ornamentals and plantations of herbaceous plants, and the scope of the operations will hereafter cover landscape decoration and improvement. In this work Mr. Eckhardt has skill, taste and long experience, and his sojourns abroad in Germany, Austria and Italy may be expected to give breadth and variety to his management of the problems awaiting treatment. He is the possessor of agreeable manners, a good plantsman, and a thorough, all-around gardener.

The dissolution of the firm of Fischer & Ekas has become a fact accomplished. The old place is retained by Mr. Fischer, and Mr. Ekas will engage in his calling elsewhere, his choice of several opportunities presenting themselves not having yet been made.

James Simpson, a well known member of the fraternity, was tumbled out of his vehicle lately by the impact of a trolley car, and badly shocked and cut, his wagon broken and his horse injured. He is recovering, but he has not yet regained his usual good nature, nor re-established diplomatic relations with the railway company, whose servant, it is said, was wholly at fault. REX.

GRAND RAPIDS, MICH.

There has been considerable funeral work the past week, which cleaned the market up so close that it was impossible to buy flowers of any kind for love or money. Carnations are scarce and are liable to be for some time, as the old plants are being thrown out to get the houses ready for replanting. For the same reason roses are scarce, but several large growers have early planted houses that can come in now almost any time. Carnations are looking good; all have good average stock now, but it remains for the Grand Rapids Floral Co. to have the largest, best field grown stock in town, and 'tis a pity they have no more than enough with which to do their own planting, as such plants are rarely seen this early in the season.

The convention does not seem to make much of a stir. Two only, so far, have declared their intentions. Henry Smith and George F. Crabb, of the firm of Crabb & Hunter, will join the Chicago boys on their excursion trip.

G. F. Plowman of Iron Mountain was a recent visitor. He reports business all that could be desired the past season. G. F. CRABB.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

BUFFALO.

The most salubrious of weather with frequent rains has put us in good shape and temper. When almost all other cities are sweltering at 95 degrees, we are enjoying a temperature of 80 degrees.

Gladiolus, mostly of the Crozy type, make a conspicuous show in the store windows, and asters are very good and plentiful. When you get the order there is no difficulty in filling it.

Neubeck & Myers have had a very fine lot of Japan lilies, rubrum and album, most useful for bunches. Rebstock has frequently a fine window display of gloxinias, but they go rather slowly. Anderson makes occasionally a grand window of Boston ferns, and Palmer & Sons are always attractive with a novelty or a splendid show of water lilies. The remaining Main street florist, Andy Adams, runs to big collections of sweet peas, taking funeral orders, and talking politics.

Andy has all the attributes to fit him for an ideal ward politician; an attractive delivery, with the agility to sit on the fence and drop either side, as circumstances suggest. Just as well that as any way. Go for your friends; parties are fictitious and fallacious at best.

I called in yesterday on Mr. Dennis O'Connell to ask his opinion of how big a hall we should need to hold the convention of the S. A. F. next year. I found Mr. O'Connell deep into the pages of Huxley's "The Evolution of Ethics," which he takes up as a relief from his heavier reading. "Private Morals of the Eleventh Century Saints" and "Bubbles from Babylon" are his favorite studies. "Ah, ma bye, ye'll make misthake if yees don't hire the biggest hall in town; they'll come here tin thousand strong." And Dennis is right. We hear from every part of the country the wish that the convention will be held here in 1901, and we are not going to disappoint these sensible people. Apropos of this, your enterprising Chicago contemporary sent out a circular letter inviting expressions of opinion on the subject. They were doubtless flooded with strong indorsements for Buffalo, but of course only allowed one or two of that kind to appear and discreetly selected a few lukewarm epistles and a few poor lonely ones that squarely opposed Buffalo either from the narrow view that some other town would save them car fare or the writer was bilious and warped.

Ben (it's a shame I don't know his other name, but he has been a long time with Mr. Rebstock and we always called him Ben) has gone to Denver to succeed Mr. Michael Bloy as foreman of the Park Floral Co. Ben is a first-class gardener and a fine worker and is bound to succeed. Too bad that the altitude did not suit Mr. Bloy. He left Denver and Mr. Valentine, his most worthy employer, with mutual regrets.

At last we have got a bowling team; eight men were selected, and from them six will be chosen; 20 games will be played during the next two weeks and the two lowest will go as rooters and to see that John Westcott keeps on his own alleys. There is a good deal of one family, but that can't be helped. Beginning with the youngest, the eight men are: D. J. Scott, Carl Reasch, W. B. Scott, W. Webber, W. F. Kasting, James Braik, G. McClure, and old man Scott. The latter in Omaha form with "A little piece of the top." How proud I will be to give you the scores of our first day's practice, although I have no wish to scare the other teams. W. S.

DENVER, COLO.

Various Items.

Trade is quiet and good stock scarce. Asters and gladiolus have begun to show up, also dahlias, Wilmore bringing in some very fine ones.

There is quite a little stir on in building, some adding to their places, while others are satisfied to remodel.

Michael Bloy, who has had charge of the Park Floral Co.'s greenhouses for several months, resigned his position on the 21st of last month and has gone back to Buffalo. Mike liked it here, but said that it was "too high" for him. His place has been taken by Ben Boldt, who hails from the same town.

There is a little bowling going on, but not as a club. There are one or two who may get to the convention and get in that individual tournament or roll and want to keep their "wing" in shape. Too bad we cannot have a team entered when you look over that handsome lot of cups. My! but there will be a time. There was just a little rivalry at Detroit, but that shouldn't be a marker to New York if they can get all the teams entered. There will be "blud" sure. With the modest Philadelphia team, blowy Chicago, unlucky New Yorks, fair and square Flatbushers, St. Louis quitters, and boasting Buffaloes, all well represented, what a race it will make. It's hard to pick a winner, but give me two guesses with the team in shape and I think I have it. Give Billy Kasting free use of his voice and half the race is won.

Death of Chas. F. Webb.

On Thursday, July 26th, there passed away one of Denver's brightest young men, Mr. Charles F. Webb. He was a graduate of the Denver High School class of '93, and on leaving school engaged in the florist business. It was but a short time before he was taken in as a partner in the firm of Glauber & Webb. The firm remained so, and enjoyed a flourishing trade up to the time of Mr. Webb's death. Charlie, as he was familiarly known by all who knew him, was a Denver boy, being born here twenty-seven years ago. He had never traveled out of the state, and it was on the eve of his departure on an extended trip east that he was taken ill. He was ill but three days when he died. He will be sadly missed by the trade, for he was a friend to everyone.

The funeral, which took place on Saturday, was largely attended by the craft. ROCKY.

ST. PAUL.

The picnic of the Twin City Florists' Club is a thing of the past, but it will be long remembered by all who took part. Lake Park, Lake Minnetonka, an ideal place for picnics, had been selected by the committee, and we had fun by the carload. The Minneapolis boys, having much the largest number present, took nearly all the prizes, but in base ball and in the "tug of war" they weren't in it for a minute. The St. Paulites went home feeling very proud of having among them such strong fellows as Billy Fleischer, who pulled at the end of the rope like a Texas steer.

The pansy growers had some unpleasant competition this spring. A former vegetable grower took a notion to grow pansies for wholesale trade. A commission firm sold them to everyone for 12 to 15 cents a basket of a dozen plants. The regular florists had to follow suit in order to move their stocks, though they had formerly got 20 to 30 cents per basket. The regular growers suffered, of course. But it was very funny to see the baskets of pansies piled up amongst sweet potatoes, Limburger cheese, dressed and undressed calves, chickens, pigs, and other things of the sort, and the flower store keepers going around picking out their pansies from this queer collection. C. B.

NEWTOWN, PA.—H. W. Weiland has completed a new house 128x22, using the Jennings gutter and greenhouse fittings.

SEND ADVS. NOW for the annual Convention Number of the Florists' Review, to be issued August 23.



THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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Convention Number

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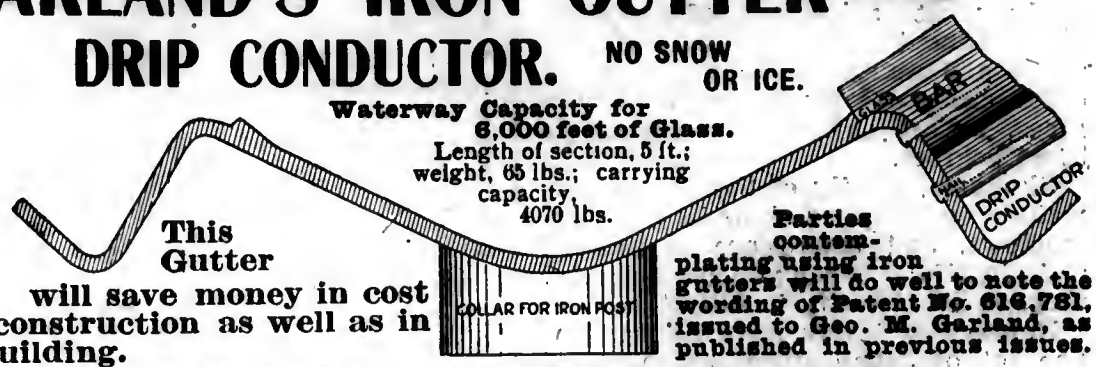
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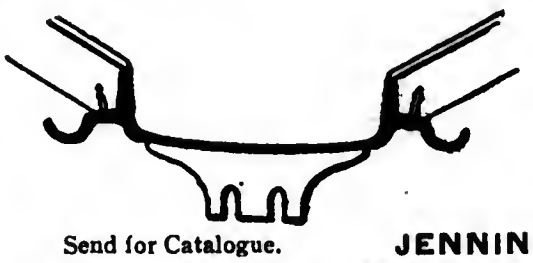
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POUGHKEEPSIE, N. Y.—The sixth annual exhibition of the Dutchess County Hort. Society will be held in the State Armory, Nov. 6, 7 and 8 next. Copies of premium list may be had by addressing W. G. Gomersall, Sec'y, Fishkill-on-Hudson, N. Y.

ERIE, PA.—At present the only building or improving among the greenhouses here is being done by the Schluraff Floral Co. They are adding to their place one rose house 100x 31 feet and one carnation house 100x26 feet and are tearing down and rebuilding two houses, one 100x10, the other 100x11 feet.

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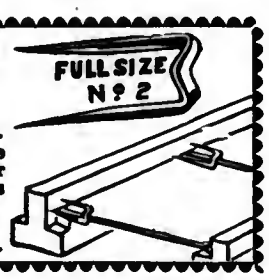
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In matchless beauty on the plain,
The Rose (mankind will all agree),
The Rose the queen of flowers should be;

The pride of plants, the grace of bowers,
The blush of meads, the eye of flowers;
Its beauties charm the gods above;
Its fragrance is the breath of love;

Its foliage wantons in the air,
Luxuriant, like the flowing hair;
It shines in blooming splendor gay,
While zephyrs on its bosom play.—SAPPHO.

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, AUGUST 9, 1900. No. 141.

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The angel of the flowers one day
Beneath a rose tree sleeping lay,—
That spirit to whose charge is given
To bathe young buds in dews from heaven,
Awaking from his light repose,
The Angel whispered to the Rose:

"O fondest object of my care,
Still fairest found where all are fair,
For the sweet shade thou'st giv'n to me,
Ask what thou wilt, 'tis granted thee."
"Then," said the Rose, with deepened glow,
"On me another grace bestow."

The Spirit paused in silent thought,
What grace was there that flower had not?
'Twas but a moment—o'er the Rose
A veil of moss the Spirit throws,
And robed in nature's simplest weed,
Could there a flower that Rose exceed?

—HENRY PHILLIPS.

ESTABLISHED 1802

THORBURN'S SEEDS

We have still left some fresh seeds of the following Palms in fine condition:

Kentia Forsteriana, per 1,000, $4.00; 5,000 to 10,000 at $3.50. 10,000 and over at $3.00.

Also **Cycas Revoluta Stems** in assorted sizes, 3 lbs. to 12 lbs., at $8.00 per 100 lbs., while unsold.

J. M. THORBURN & CO.
(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

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HERR'S PANSIES.

ALWAYS THE BEST AND BETTER EVERY YEAR.

They sell themselves. Try a hundred as an experiment.

Plants only, and ready from Oct. 1st to Jan. 1st.

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Market and Fancy varieties are the leading strains to date for size and colors.

For sale in trade packages at one dollar each either strain.

Full directions with every package.

New crop seed after July 1st.

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DO YOU WANT THE FINEST PANSIES?

The Jennings' Strain will produce them. My 1900 Strain is sure to give the highest satisfaction.

Finest Mixed, **$1.00** per package; **$2.50** per half ounce; **$5.00** per ounce. Separate colors, **50c** per package.

E. B. JENNINGS,
Lock Box 254. SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

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Telegraphic Orders Carefully Attended to...

Select Stock in Special Summer Roses, Orchids, Valley, Gardenias, etc.

43 WEST 28th STREET, NEW YORK.

Burpee's Seeds Grow

FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.

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Wholesale Florists,
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SHIPPING ON COMMISSION.
Telephone 733 18th St.



NEW CROP NORTHERN FERNS. 50 cents Per 1,000.

Laurel Festooning 4c to 6c per yard. Best of goods always on hand.

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REED & KELLER,

122 W. 25th St., NEW YORK CITY.
Manufacturers of
WIRE DESIGNS
Importers and Dealers in **Florists' Supplies.**

Pansies Worth Raising.

SEED AS USUAL.

3-16 oz. $1.00; 1 oz. $4.00.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

ROSES.

		Per 100	Per 1000
Brides	2½-inch.	$3.00	$25.00
"	3-inch...	5.00	45.00
Maids	2½-inch.	3.00	25.00
C. Soupert	2½-inch.	3.00	25.00
" "	3-inch...	5.00	45.00
Meteor	2½-inch.	3.00	25.00
"	3-inch...	5.00	45.00
American Beauty	3-inch...	8.00	75.00

MIXED JARDINIERE FERNS, mostly Pteris varieties, **$3.00** per 100; **$25.00** per 1000.

ASPARAGUS SPRENGERI, 2½-inch, **$4.00** per 100; **$35.00** per 1000.

ASPARAGUS PLUMOSUS, 2½-inch, **$6.00** per 100; **$55.00** per 1000.

ADIANTUM FARLEYENSE, fine stock, 6-inch pots, at **50c** each.

SMILAX, 3-inch, **$4.00** per 100.

DRACÆNA TERMINALIS, 4-in., **$15** per 100.

PHŒNIX CANARIENSIS, elegant stock, 4½ to 5-in., **$20** per 100.

CHAMÆROPS EXCELSA, 5-in., **$25** per 100. " " 4-in., **$20** "

J. B. HEISS, The Exotic Nurseries, **DAYTON, Ohio.**

Orchids.

Arrived fresh from the woods in fine condition—Lælia Crispa, L. flava, L. grandis tenebrosa, L. Perrinii, Oncidium Varicosum Rogersii, Cattleya Percivalliana, C. Mossiæ, Lælia Anceps and L. Autumnalis.

Lager & Hurrell, Growers and Importers.... **Summit, N. J.**

JOSEPH HEACOCK,
WYNCOTE, PA.
Grower of.....**Areca Lutescens.**
Kentia Belmoreana.
Kentia Forsteriana.

Mention The Review when you write.

THE RETAIL FLORIST.....

The Convention.

We would be glad to see a large gathering of retailers at the convention in New York. We believe it would be to the interest of every ambitious florist to pay a visit to this city during that event, not merely for what you can see and hear at the convention, though that in itself will be worth traveling the longest distance to enjoy, but to see the city, visit the stores, see all the latest, and get pointers on general business matters, and pick up hints as to what will be all the vogue next season. Every sensible florist knows the value of advance information on stock and style; such information is often worth more than money. You can find out all you want to know in New York; what goes there will go anywhere. The great stores will be glad to have you examine ribbons, baskets, wire designs, jardinieres, vases and all the little and big things that are a necessary part of the business. You needn't buy—see what there is as an improvement on what you can get nearer home.

A Society of Retail Florists.

Perhaps a crowd of retailers can be got together on this occasion and form some manner of organization to protect and advance their own interests. The necessity for a society of retail florists is apparent to everyone in that line of business. Not for a mere social happy-go-lucky, half-hearted society, but one that will be of use in sending out useful information on credits, supply of stock, the latest in decoration and design work, and most of all restriction or prohibition of street stands and peddlers, and many other important affairs concerning the welfare of every florist with a store. The impression is abroad that on account of alleged jealousy between one another the retailers will never come together; this can be proved to be wrong.

Come to New York the 21st of August; we will be glad to have a chat with you on all pertaining to store work, and help you to see whatever is of interest to you in this city. You can address us at 43 West 28th st., or at the Review's desk at the Grand Central Palace.

Credits.

We have been asked to say something on the matter of credits. The subject is a gigantic one—a steep cliff in which the veins of delicacy render it nigh impossible to climb. Credit is perhaps a necessary lever to every class of trade, but of late years, more through indifference than aught else, the credit system has grown to be a life destroying octopus, and if it is permitted to continue unchecked there is no telling what it will create. The trust combinations, so powerful in many lines of trade, are more the children of long winded credits than anything else, and there may come a day when organization will control the best on the flower and plant market.

What is commonly described as the over-supply of flowers and plants in many of the large cities is responsible for much of the evil, for a grower or his agent often becomes dejected or demoralized at the depression in the market and in consequence sells to anyone conditionless, in order to make a sale. This naturally affects the retailer and in many ways too. On the same block with you an acknowledged fraud may open a fine store, and because his tongue is loose and supple he can get all the stock he wants, or at least enough to undersell you and destroy your trade, and he never or seldom pays for his stock; this is done in almost every large city. The average wholesaler today we believe would rather sell to a peddler for cash at a less figure, than to the store keeper, because it is necessary for him to get cash to pay his growers weekly or semi-monthly; That's where the grower has the best part of the stick.

On the other hand the retailer has many difficulties to contend with, and we know today there are a great many thousands of dollars on their books which can never be collected. This money represents a bad investment. Yes, indeed, the indiscriminate and reckless credit system of doing business as so generally practiced today is guilty of all the crimes imaginable, and in a discussion of the subject one cannot but hurt the too tender feelings of a great many.

We regret we cannot exonerate the retailers themselves from participation in this worst of all business abuses. We go the rounds of the markets quite frequently, and are the confidant of most houses. It is an every day occurrence for us to hear such and such a one (people who have great glittering stores, gaudy delivery wagons, wear finest clothes, live high, drive pleasure turnouts, etc., etc.) does not pay his bills only when he feels like doing so, perhaps once or twice a year. And the most of this is done through carelessness or the mistaken idea that it is necessary to have so much money in the bank in order to be classed as a financier, and it doesn't matter who suffers.

Ivera is often blamed by his acquaintances for speaking out the truth. They admit the existence of evils but would prefer to encourage their growth by weak language, rather than ruffle the frills of sickening etiquette by saying the right words. We would like to see the florist business raised to something near a cash basis; it could be done without coercion if all would but stop to consider and realize the gross injustice of much that is done. Nor can any section of the trade be exonerated. An impartial investigation of the condition of affairs as they exist today give rise to the query of whither are we drifting? and the question is hard, very hard to answer.

Credits to Retail Buyers.

Regarding the difficulties encountered by the retailer in giving long credit to his customers, there are many ways to look at the matter. In a city like New York there are a vast number of people who live on their abundancy of cheek. There are many grades of frauds in human nature. The most harmful to you in the polished society parasite. To recount our own knowledge and experiences with this class of human drones would require a good sized volume.

Today many, yes very many, of those whose names are most prominent in the sprees and actions of the "Upper Ten," or the "American Aristocracy," do not own the fine apparel they wear, cannot, do not pay for the necessaries of life. We know many almost penniless men who have grown old and grey. Their sole ambition in life has been to capture some wealthy girl for a wife. Every year they deluge each debutante they can manage to be introduced to with huge baskets and boxes of the choicest flowers. They of course get them on credit from the poor florist who gloats over the idea of having his gilded wagon deliver regular orders to the heiress' palatial home. Very often his imaginations conjure up an elaborate wedding decoration, and he worries himself, his help and his growers in order to give satisfaction to such a customer. Most often the girl is not caught by flowers, the suitor cannot pay for them, tears up the bill with a snort of indignation, and gives impudence to the deluded florist, and tries and dupes another for the next attempt. This class of customers is not exactly a "dead beat;" he is more of a specu-

lator, he uses you, fails and you suffer most.

There is of course the professional fraud whose duty on earth seems to be to live on the best, and illustrate how foolish a business man can be when relying on appearances as an indication of honesty. You will find that as a rule a person who never intends to pay for what he orders usually sneers at the average grades of goods. He demands the finest procurable, and your highest talent must be engaged to arrange the order; price is of course no object, in fact they show annoyance if the price is even mentioned, in consequence you go to your best chum in the wholesale business, you coax or threaten him with the importance of the order, he charges extra, but you must have them, and the case is responsible for swelled heads out in the greenhouse, and more money out of your pocket, besides frequently being the cause of a general rise in that class of goods.

There is again the "unfortunate" or "never was anything" poor relative or acquaintance of the rich and powerful. They come to you, order so and so to be sent to their rich friend. They caution you with bated breath on the importance of sending nothing but the finest, they either chew down the price or settle with you after they return from Europe or the country, perhaps a year from then.

It is, we feel, quite unnecessary to any further describe the greatest troubles to be met with in the retail trade. Every one, more or less, has had his own sad experience. The cure is the most desirable thing to know, but the hardest to prescribe. The utmost care must be used in selecting a charge customer. It would not do for those doing a high class trade to demand cash for the majority of orders they get. Social registers, telephone lists and such may be good, but they are not reliable. If a well dressed person comes into your store and asks for a box of choice flowers, and when they are put up they find themselves short of cash, you cannot but let them take it cheerfully. Any person, however, should not be permitted to run a regular account unless you satisfy yourself as to their financial standing.

References are nearly always given by honest intentioned people. In most cases a few well chosen polite words will induce many to settle at reasonable periods. There is no set rule, no remedy other than heaps of care and diplomacy. If you are justified in doubting a customer it is easy for you after the first order to put them off with poor grade stock, by saying the ones they select are all sold. Many poor payers are good for their connections and you can often use them to further your business. It is very desirable to have some people open accounts with you for they spend more, and send most of their trade to the store where they have such account. People who pay every month are now classed as cash customers; the tendency, however, is leading to the sixty, ninety and unlimited days, and this means ruin or embarressment to many. And so long as these people can go into any store and get all they want you cannot change it. Flowers are not a lasting commodity, they are a perishable luxury, almost every order is greedily filled on the principle that if I don't do it, he will, and the outcome is seldom considered.

There are retail florists in New York today who carry long standing accounts of from five to fifteen thousand dollars. They dare not use collecting agencies on many of them for that would drive trade away. Some form of a protective organization is necessary, every line of business is adopting this method, and some day we hope the florist will realize its importance. Some strong effort should be made to get the business on at least a 30 day limit; this should be good enough for all branches and would enable all to enjoy some pleasure in the struggle of life. IVERA.

OLD-TIME FLORAL DESIGNS.

An Arrangement of 1870.

We present herewith an engraving from a photograph kindly loaned us by Mr. J. J. Beneke, St. Louis, of a floral design arranged at Jordan's establishment, St. Louis, in the year 1870, the artist being Mr. John Davis. The design was presented to Clara Louise Kellogg, the opera singer, by citizens of St. Louis, and the price paid for it was $100. Mr. Beneke was then in the employ of Mr. Jordan and he delivered the design to the opera house.

The picture shows quite plainly the material used, and it is surely most interesting as illustrating the changes that have taken place during the last 30 years. Will the progress during the next 30 years be as great? It is startling to contemplate such a possibility.

HEATING PROBLEMS.

In order that I may make my replies to correspondents complete and definite, I would ask that, with their letters of inquiry, they also submit a diagram showing the heights and shapes of the houses to be heated, stating what parts are glass, also show location and depth of boiler cellar, arrangement of benches and grades of floor lines, also state the lowest night temperature desired. Such diagrams need not be to scale nor very elaborate, and would enable me to make my replies more definite and of vastly more value to correspondents.

HENRY W. GIBBONS,
Heating Engineer.

In answer to J. H. O.'s inquiry, the 20 H. P. boiler he has, if of conservative rating, will heat the four houses he describes as two three-quarter span 100x20 feet, and two even span, 64x10 feet, very nicely. The arrangement of the heating surface should be as follows: In each of the three-quarter span houses you will require, in order to maintain a night temperature of 60 deg. in zero weather, four hundred square feet of heating surface, in the eastern even span house 150 feet of surface, and in the western even span house 180 feet of heating surface.

For feeding the two three-quarter span houses a steam main of three inches diameter will be required, reducing to two inches after the first house is taken off. For the even span houses a two-inch steam main will leave the boiler, reducing to one and one-half inch after the first house is taken off. For return mains run a 1½-inch pipe from the southern three-quarter span house, increasing it to at least two-inch when taking off the northern house, and so continuing to the boiler, and for the western even span house a 1¼-inch pipe, increasing to 1½-inch when the eastern house is taken off, and so continuing back to the boiler. For use in arranging the distribution of the heating surface in the several houses I submit the following:

To equal one square foot of heating surface it requires in practice 3 lineal feet of 1-inch pipe, 2 1-3 feet of 1¼-inch pipe, and 2 feet of 1½-inch pipe.

There are two methods of circulation by which these houses may be heated; namely, by carrying the steam or flow pipe direct up from the boiler to the highest point, then grading downward at least one inch in twenty feet and running through each house suspended from the ridge to the farther end, then branching and connecting to the heating pipes below the benches, these pipes all grading downward back toward the boiler end of the houses, where they will enter the returns; the other plan is to carry the main as above stated to the boiler end of the houses, then dropping to circulating coils below the benches, these coils grading downward throughout their entire length back to the return mains. The return mains should be kept as low as possible and at the first opportunity drop below the water line of the boiler.

The boiler should be fitted with a reliable self-regulating damper attachment in order to minimize the labor of attention and at the same time to insure a more uniform pressure or temperature than is possible by any other means.

Replying to A. L. H., I would say: A 10 H. P. steam boiler can readily be used for hot water heating, provided the flow and return connection are increased to the requisite capacity. If a single flow and return connection only is contemplated, they should be not less than 4-inch pipe, or if a connection is to be provided for each of the two houses they should be not less than 2½-inch pipe, and I would be inclined to make them 3-inch, on account of friction in the



A Design of 1870.
Old-time Floral Designs.

smaller size. If the boiler referred to as 10 H. P. is conservatively rated, it will readily heat the two general purpose houses, each 20x85 feet.

For the greenhouse 50 ft. by 18 ft., described in the inquiry of "F. H.," assuming there is glass on the roof only, in order to maintain a night temperature of 50 degrees in coldest weather, he will require seven lines of 4-inch pipes or eleven lines of 2-inch.

Although no description of the second-hand traction engine boiler is given, I have no doubt that it will have ample heating capacity for this small house, and the only probable change necessary to fit it for a water heating boiler will be to make the flow and return connections into the boiler of suitable capacity, not less than 2½-inch each, or two flows and two returns each 2-inch. If your correspondent will give the rated H. P. of the boiler, or state its dimensions, size of grate, length and number of tubes, I will be pleased to advise him definitely as to its capacity.

HENRY W. GIBBONS.
New York.

ROSES OUT OF DOORS.

P. S. says: "Kindly tell me through the columns of the Florists' Review whether La France, Kaiserin, Maid, Bride, Perle, Van Houtte and Meteor will stand out all winter without any protection when grown outside all summer."

P. S. writes from a town in Pennsylvania that I do not have the honor of knowing, and I cannot say what part of the state it is in. There is a great difference between the climate of Erie, Pa., on Lake Erie, and that of the "neck" below Philadelphia. Another 200 miles south, in Virginia, I believe all the roses are hardy, except perhaps in such extraordinary winters as that of 1898-99.

La France, Kaiserin and (I think) Meteor belong to the class known as hybrid teas, and having a good deal of remontant or so called hybrid perpetual blood in them they partly inherit their hardiness. La France is quite hardy in Buffalo, and with a little protection so is Kaiserin and Marie Van Houtte.

Maid and Bride (both sports of Catherine Mermet) and Perle des Jardins are pure teas, and it is with difficulty that they are kept over winter. Wrapping up their tops is of very little use. Six or seven inches of long strawy manure from the stable or dry leaves spread over the ground is much better. If the tops alone are injured no harm is done. If you can save the roots and four or five inches of the stem you have enough to give you a fine plant.

From what I know of southern Pennsylvania I would say that well protected in this way the teas as well as hybrid teas would be hardy, and the latter possibly without any protection.

When planting summer blooming roses don't forget that President Carnot, whatever its merits inside may be, is one of the best outside blooming roses ever introduced. It properly deserves the name "perpetual."

WM. SCOTT.

ST. LOUIS EXHIBITION.

The preliminary list of premiums to be offered at the tenth annual chrysanthemum show of the St. Louis Florists' Club, to be held November 14, 15 and 16, has been issued. Copies may be had by addressing Emil Schray, Sec'y, 4101 Pennsylvania Ave., St. Louis, Mo.

MISCELLANEOUS SEASONABLE HINTS.

[The following "Hints" were written for our issue of last week but through a delay in the mails came too late for that number. While their seasonableness has, we think, not been impaired by the delay, we thought it best to make this announcement.]

Carnations.

The next four weeks will be carnation lifting time, and well it will be to get as much as possible done before you go to the convention. We read that that excellent gardener and manager, Mr. Rudd, has done lifting. That is very early. It was a year or two before I was converted to the early lifting, but it is a wise man who changes his mind; fools are stubborn.

If we went back to the old days of short stems and picked the flowers single and did no disbudding the late lifting would do, for there is no mistake that the latter part of August and September is the time your carnation plant puts on growth and size. But that day is likely never to come, and we want flowers in November, and must have a stem. To do this they must be lifted early in August without flower stems and make that growth inside.

Some soils allow you to lift at any time, but a loam, particularly if inclined to be heavy, will not fall away from the roots unless it is moist, and waiting for a rain is tedious. Last August we had scarcely a drop. This is a time when a soaking will pay, and lift just between the wet and the dry. Any gardener knows that the more working fibers you save the quicker the plant takes hold of its new environment.

It is no use telling a man how many forks or spades it takes to dig up a carnation plant. In a stiff soil it may take two, and in a light sand or muck one fork well put down will bring up every fiber. The carnation is a tough plant and it would be incredible to our fathers to see the barbarous way they are handled and yet survive. Abuse as little as you can. Don't let the roots dry. Get them planted as soon as possible after digging. Let the soil fall off or crumble it off; you don't want it on the bench; new soil is wanted around the roots, and not the soil of the field.

Shade the house for one week. A good enough shade is made from a handful of stiff clay (blue clay if you have it) in a pail of water, and throw it on the glass with a dipper. However, some may disagree with me. I say keep the house rather close for one week. Avoid bright sun and draughts from doors and ventilators. If the night is still, put on all the ventilation you can, but keep close in the day time for one week. By that time the plants will have hold of the soil. Then off comes the shade; a hose will take it off. Then up go the ventilators and for the next at least two months you cannot give your carnations too much light and air. The foundation of a strong, robust plant is made in the early fall months before there is any need of fire heat.

One important part of the program I did not mention, viz., watering. I believe that many do not water enough when first planted. They will not want it again perhaps for ten days or two weeks, as there are few if any active roots, but the first watering should be what we call "the first grand watering." I never saw a plant die from overwatering the first time in thirty years of carnation growing. A soaking settles the soil around, every particle, and that is a great point, that the soil should be in immediate contact with the roots (this principle applies to any terrestrial plant), and makes amends for careless and loose planting.

One word about planting. Spread the roots (not cramp them into a small hole) and plant firmly, very little if any deeper than they were in the field.

Now all these simple truths are well known, perhaps better known by the score or two of carnationists, but there are several people handling carnations this summer that have never done so before.

Alternantheras.

Just about now is an excellent time to take cuttings of alternanthera. Don't put them in the propagating house and afterward in two-inch pots. It's a waste of time and space. Just dibble them thickly into some very sandy soil in flats two inches deep. They root quicker than weeds, and you can keep them in the flats all winter and move them around to suit your convenience. All of them, if kept on the dry side, will winter in some very unfavorable places, except the brightest and best—paronychioides Major—which wants to be warm and not overwatered.

Geraniums.

Please don't begin to propagate any of the zonal geraniums during hot weather. The first of September is early enough. We saw a friend and neighbor try a big batch of the zonals last year in the middle of August, and 90 per cent went off black, which they always will.

Chrysanthemums.

This is the time that chrysanthemums appear to take up a good deal of your time and labor. Beds get weedy, plants want continual tying up and side growth pinched off; and all of it must be done to do them justice. Don't let them fall about for want of a tie. I have found nothing as good as a coarse, cheap twine tied to wire on the surface and another overhead. It is quickly and cheaply installed and quickly removed.

This is the time that mums are making their most vigorous growth, and if the bench is properly drained will take a great deal of water. Keep them growing. No need of liquid manure yet for a long time, but plenty of water till they show their buds, then more carefully.

The black fly is not so troublesome with us, but there is enough of him to necessitate fumigation. If there are too many holes in the glass you can syringe with the rose leaf extract of tobacco diluted 75 to 1, but fumigation is the cleanest and most thorough. And as for broken glass it should not be. It is hot to be on a roof, but painting and glazing must never be put off. You will be busier in a month, then you will put off such jobs till frost comes, and the first thing you know you are sitting on the roof with frosty fingers and a blue nose, and the pleasantries you dedicate to broken glass and stiff putty are enough to crack others.

WILLIAM SCOTT.

A SUMMER FROST.

Shaumburg, July 15th, 1900.

Tear Freint: Owing to de recent cold spell I haf been to bissy to write, but now dat it is growing a liddle warmer, I dink dat I can leaf de fire go wile I rote a few lines mit you.

It seems dat summer has at last mate its abbearance, at least a berson would ding so too look at de flowers which are now coming mit the town in. Summer flowers, und sum mer not. Und dose wich are not, are de most blentifull. It has struck me mit great forcefullness dat some dings coult be done to remedy dis subbly off hot wedder flowers und if dere were only a few more enderbrizing beople in de flower bissness it woult not be long pefore we could haf chust as goot stock in de summer time as we haf in winder. In winder we burn coal to make heat und in de summer time de heat is subblied to us in liberal quandities, so liberal dat it behoofs us to exberimentations off different ways und means to ofercome dis eggsessife heat.

So naturally, I being off an exber-

imentif nature, tried to see wat could be done in de madder. It struck me dat I could udilize de grenhouse pipe in a manner to broduce cold as well as heat, so I went to work on dat idee und bretty soon had dings running in nice order. I bought me such a ice machine wat pumps ammonia de pipes in und set him up in be boiler shet. I made all de gonnections mit de pipe myself, so if anyding went wrong I alone woult pe to plame.

Bretty soon I dought I hat dings in goot shape, so I turned her loose und let her go. Well, sir, de way dat dermomeder went down was a gaution. It was a peautifull sight to see de ice gadering on de pipes und de bugs all standing on deir hind legs und wafing deir arms to keep warm.

It seemed to me dat it woult be a howling sugsess und it woult haf peen only for wat habbened. Like a fool I went down to de corner to get a fresh one und left Hans in charge off de blace. I got inderested in a game of penacle und stayed a liddle longer den I shoult haff done. Hans looked at de dermomeder und saw dat it was gedding bretty cold in de house und he, dinking he was oberating a heating abberatus, turned her on full force and froze up de whole shooding match.

But I am not discourached, dere will come a time some day. I will keep on mit dese exberimentations if I nefer haf a cent. If I can't make dis abberatus work. I haf annoder scheme in view which ought too do de bissness right. I am going to make some exberimentations mit liquid air. Dat surely is a bretty cold ardicle und oughd too broduce de required results. If in de meandime you hear off a Dutchman being blowed up in de air nefer too return, dink kindly of your old freint.

FRITZ BLUMENSCHNEIDER.

SWINGING BOWLING.

The "swinging bowling" is a decided innovation in the sporting line and bids fair to become quite popular. It hails from Deutschland, and to Mr. Fred C. Weber of St. Louis, Mo., belongs the credit of introducing the game here.

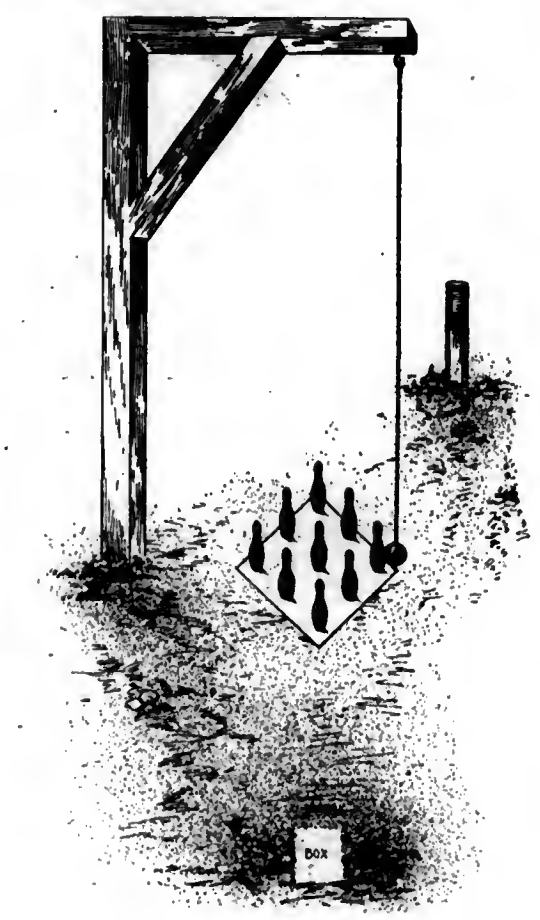
The writer had the pleasure as well as the privilege one evening recently to be one of a party of seven "bowlers" at Mr. Weber's place. Three games were played, those longest in practice scoring the most points.

The accompanying drawing may give some adequate idea of what the "swinging bowling" (alley) looks like. The rules governing this game are as follows: The party bowling is to stand in what is called the box, with one foot therein, but may change his feet from right to left, as he may see fit, in order to get certain pins. The ball should swing around the pole on the right side and knock the pins down on the return.

In order that the bowling be perfect the dimensions have to be very accurate; otherwise some individual pins may be either taken too readily or not at all. The pin nearest the ball is the hardest to take; therefore one-quarter of an inch variation is a very important matter. The rope goes through the ball, leaving about three inches of rope underneath for the purpose of handling.

Any one wishing to introduce a "swinging bowling" may communicate with Mr. Weber, who will be pleased to furnish all particulars free.

I may add that it is a most interesting game, requiring as much skill as any game that may be mentioned.



Swinging Bowling.

Nor is it an expensive affair, and hence any grower having sufficient room in his back yard or about the greenhouses can easily put up the structure.

Aside from all other considerations, a game of this sort has a special advantage, inasmuch as it is sufficiently interesting and amusing to keep one's help on the premises. The saloons may suffer, but the growers as well as their men may profit in the end. S.

NEW YORK.

Sympathy for Mr. Lonsdale.

Over all the brightness and happy anticipations connected with the coming of the convention, the sad death by drowning of the Misses Lonsdale casts a gloom of deepest sorrow. The sympathy of the entire profession wends its way to Chestnut Hill. The "Brave old Duke of York" needs be brave now with the awful loss that has befallen him. Let him rest assured that every florist's heart beats with his, and that the hopes and wishes of his countless army of friends go forth to cheer and console him; may sorrows fall lightly on a heart so true and the face we never saw without a smile.

Business.

Business in this city continues to get along on the regular August lines. Very little good stock coming in, and funeral work seems to keep the market alive. White roses have had a good sale for several weeks now. There is of course an abundance of coarser summer flowers such as asters, gladioli, rudbeckia, etc.; these often make the market appear glutted. The finer grades of all sorts of flowers get used up somehow, and from many reliable sources we learn that the volume of trade exceeds that of other summers.

The Convention.

All the wholesalers and growers in this neighborhood are busy getting their places in show condition for visitors. Nothing is heard of these days but convention; there are doubtless many besides the scribes who wish it was all over. Nothing is being left undone to give a rousing time, and we expect the Chicago Indians will have no time to scalp the Buffalos.

A list of the places worth visiting will be furnished at the hall. It is hard to advise as to which of the two drives through the parks are best. The Brooklyn ride will afford a better view of the bay, the great bridge, and the commercial part of the city. Prospect Park and Greenwood Cemetery are very beautiful; to those coming from a distance we advise taking this drive. You can cover the New York route yourself before returning, or between sessions.

You will perhaps be disappointed in the scarcity of flowers and plants in all our parks. This is not the fault of those directly in charge. There are large new conservatories in both Central and Prospect Parks, and the collections of plants in them are such as can be expected to be got together in a few months Our parks are the spoils of politicians; their natural beauty alone, though, makes them the peer of any in the country. The Metropolitan Museum of Art, which is located in the park, is well worth visiting, and Riverside Park is considered one of the finest view parks of the world. It would appear from the program that very little time will be allowed for rest or sleep.

Bowling.

The bowling fraternity here are in a quandary over the silence or nonaction of the National Florists' Bowling Committee which is located in

Philadelphia. Philadelphia always had the name of being slow; their actions, or rather the absence ot any, in the matter of communicating and arranging with the New York authorities as to what conditions the Edgely and Wood cups are to be awarded on, have caused no end of criticism, which ought to be enough to wake even the dead in Philadelphia. It is now the 8th of August and not a word has been heard from Philadelphia. Chairman Roehrs wishes to announce that several prizes will be offered for highest individual scores by lady members of the S. A. F. The ladies will bowl in the evening immediately after the team matches are rolled.

Club Meeting.

The next meeting of the Florists' Club will be held on Monday evening next, and a full attendance is requested. Final preparations will be made at this meeting, and all should see the necessity of being present. Manager Cleary hopes to hear from those who have not yet applied for space at the trade exhibit. It promises to be a rousing show, and your regrets will be useless Aug. 21st.

Gardeners' Society.

The New York Gardener's Society will hold their quarterly meeting at the Grand Central Palace, Aug. 21st. There will probably be an informal reception given to visiting gardeners. It is earnestly hoped that the private gardeners of all the eastern states will combine in making their part of the convention a success. Show some sporting blood; bring in your plants and flowers, be they for competition or not.

The Local Bowlers.

Bowling last night resulted as follows:

Traendly	111	145	128	132
Siebenheller	106	124	132	163
Roehrs	173	117	147	156
Donaldson	116	191	187	140
Thielmann	135	212	145	147
Manda	159	128	133	165
Walters	129	104	112	79
Burns	125	130	156	...
O'Mara	152	139	160	...
Donlan	125	143	...	...

J. I. D.

ST. LOUIS.

The Market.

The weather is hot and business dull. Roses coming into the market show unmistakably the severe effects of the hot weather, and most of them are very poor, indeed, and the demand for good or bad is very little. The average price is $2 to $4 for the best. White is most salable just now. Asters are very abundant, especially the colored ones. The white ones sell fairly well at $1 per hundred, and only the very large fancy ones bring $1.50. Carnations are small and short stemmed; 50 cents and $1 per hundred is the price. Other outdoor stuff is the same as reported last week.

Crape Pullers.

Crape pullers are becoming quite numerous about town, and the few orders they get in this way help to keep them alive during the summer months. I know them, but it would do no good to mention any names.

Notes.

Now that the picnic is a thing of the past, the talk among the craft is "Are you going to New York?" and indications at present are that only about eight or ten will go. Not one of the team that represented St. Louis at Detroit is going.

The St. Louis "quitters," as we are called by Rocky, your Denver correspondent in the last issue of the Review, was not much to the liking of the bowlers here. But as our record speaks for itself, we will forgive you, Rocky, old boy.

Frank Fillmore, Schray, Beyer Bros. and Meyer, the South St. Louis florists, are all busy making alterations and repainting for the fall trade.

John Young and family and F. C. Weber left last night for Atlantic City. They will take in the convention from that place after a short visit to Philadelphia.

Arnold Ringier, representing W. W. Barnard & Co., Chicago, is in town this week calling on the seedmen and florists. Arnold is always a welcome visitor.

J. F. Ammann, the well-known florist of Edwardsville, Ill., is general superintendent of the Edwardsville street fair which is to be held August 28 to 31. With Fred at the head it will be a success sure.

Alex Halstedt, the Belleville florist, is one of the prominent figures in the Belleville street fair. Doc is a hard worker and will help make it a great success.

The florists of St. Louis wish to express through the Review their heartfelt sympathy to Mr. and Mrs. Lonsdale in their terrible loss.

Eugene Haas, for twenty-three years chief clerk in the park commission's office, died suddenly Friday last at his home. Mr. Haas served under all commissions from Eugene Weizel down to Mr. Ridgely. Mr. Haas was a devoted student and lover of flowers and birds, and his great pleasure was in attempting to understand those two great productions of nature.

Bowling.

Only three florists rolled Monday night and some fair scores were made, as follows:

	1	2	3	4	5	6	To.
Kuehn	196	162	143	136	165	173	975
Beneke	111	164	174	139	155	146	889
Weber	131	119	163	...	...	...	413

J. J. B.

ST. LOUIS TO NEW YORK.

Chairman J. W. Kunz, of the transportation committee has selected the "Big Four Route" (the Cleveland, Cincinnati, Chicago & St. Louis Ry.) which supplies the following information:

The rate has been fixed at one fare and a third for the round trip on the certificate plan and the tickets will be sold here August 18th, 19th and 20th and you can leave New York on the return trip as late as August 28th.

Your people can stop off on the return trip for 10 days at Washington, Baltimore and Philadelphia, and can also stop at Covington, Va., to visit Hot Springs, Va., and at White Sulphur Springs, W. Va. At the two latter places you can stay until October 31st if you want to.

The regular one way rate, St. Louis to New York, is $21.00 and the return rate will be $7.10, making $28.10 for the round trip.

We have another route via Old Point Comfort, Norfolk and the Old Dominion Steamers by Ocean from Norfolk to New York, the rate this route is $23.50 for the going trip and $9.85 for the return trip which includes meals and berth on the steamer and is a very delightful trip and will give you a chance to visit Old Point Comfort, Virginia Beach, etc.

We run elegant Sleepers, Dining Cars and Observation cars and are fixed to take care of you in a satisfactory manner and will feel honored if you will select our line as your route for the trip.

CHICAGO.

The Market.

"It is not dead, but sleepeth." And sometimes it's necessary to pinch it to see if it is merely asleep. Local trade is reported to be the slowest ever known at any season. And an occasional shipping order is about all that disturbs the quietness of the wholesale district.

Asters are coming in in great quantities. They move very slowly and at low figures. Forty cents a hundred is about the average. A few extra choice go as high as $3, but there are others that bring no more than 25 cents. Gladiolus are also a glut and are nearly done. Sweet peas are still considerably in evidence, but they are waning. The heat has been intense here for a week now, and everything has suffered.

In roses there seems to be a good supply of Beauties for the season, but of other roses but few are worth considering. Though demand is at the lowest ebb, it is enough to take all the really good roses, but they are few in number. There are some very good outdoor carnations coming in, but the glut of asters cuts carnation sales down to almost nothing.

Various Items.

The establishment of Kennicott Bros. Co. is resplendent in a new coat of paint, and the force is busy getting ready for a hot campaign the coming season. Steve Minon of this establishment is away on his vacation.

Mike Cullen, for many years in the shipping department at Vaughan's and later employed by W. J. Moxley, was recently fatally scalded at the establishment of the latter, and a report of his death is expected at any time.

Late reports from Milwaukee indicate that six or seven from there will

SAMUEL S. PENNOCK. Wholesale Florist

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

join the Chicago party on that special train.

At the last session of the bowling club there were no rooters, but all acted as ratters. Fred Stollery made a new record by bowling over a rat and still making his spare. It was probably a spare rat. Anyway, it was very spare when the boys got through with it.

McKellar & Winterson have been very busy putting in a big fresh stock of supplies of all kinds, including two carloads of sphagnum.

Bowling.

Practice games at Mussey's last Friday night resulted as follows:

	Games.	Tot.	Av.
Winterson	7	1117	160
F. Stollery	7	1076	154
Hauswirth	7	1040	149
Kreitling	7	974	139
Balluff	7	963	138
J. Austin Shaw	4	451	113

John Degnan was present and being disabled, rolled three games left handed, making an average of 81 points.

The contest for position on New York team is now completed, F. Stollery playing his last two games, making 160 and 126, thus beating Balluff by three pins in total pins scored. The standing is now as follows:

	Games.	High.	Total.	Av.
Asmus	15	197	2542	169
Winterson	15	230	2418	161
Degnan	15	187	2331	155
Hauswirth	15	199	2305	154
F. Stollery	15	222	2280	152
Balluff	15	199	2277	152
Wilson	15	163	2150	143
Kreitling	15	189	2070	138

The first five of above with Geo. Stollery added will compose the team.

WAVERLY, N. J.—A. Linsenmann, formerly of Newark, N. J., has located here and is building two houses 25x100.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—By a young man, good grower of carnations, mums and general stock. Commercial or private. References. Address E. J. M., care Florists' Review.

WANTED—Florist, first-class rose or carnation grower, latter preferred; state references and wages expected. H. Dale Estate, Brampton, Ont.

FOR SALE—Cheap, to close an estate, greenhouse and stock; A1 location; good trade. Call on Chas. S. McNett, room 44, 69 Dearborn St., Chicago.

SITUATION WANTED—Practical and experienced florist and nurseryman; 20 years' experience; strictly temperate. Address 30, care Florists' Review.

FOR SALE—1,000 feet 4 inch cast iron pipe, 5-foot lengths, as good as new; also T and El. other fittings 10c per foot delivered at depot here. H. V. Sowle, New Bedford, Mass.

WANTED—A good A1 man to grow roses, carnations, mums and general stock; to take full charge, on shares or for wages; everything in good running order and paying well; single man preferred; send reference Address C. F. Elley, Mgr., The City Greenhouse, Baker City, Oregon.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

WANTED—Good quick propagator, one who can act as assistant to foreman of a large place. Address Q, care Florists' Review.

FOR SALE—Greenhouse in live western town, 5,000 population; no competition; nearest greenhouse 60 miles; small amount of cash required. Have in connection best confectionery, fruit and ice cream trade in city. Address G. B. D., care of Florists' Review.

FOR SALE—At a bargain on account of ill health, good florist business, everything nearly new; 8-room dwelling, barn, 5 greenhouses, 5000 feet glass, 2 boilers. Good plant, cut flower and nursery trade. Care of two cemeteries. Best shipping facilities. In a good business town. Address W. D. Chase & Son, New London, O.

FOR SALE—Greenhouses and stock, situated in an old settled town. An excellent opportunity for a practical man with small capital. Reason for selling, ill health. Address A. H., care of Florists' Review.

SITUATION WANTED—As foreman. Competent to take charge of large establishment with many departments. Highest references; married; one child. Address F. O., care Florists' Review.

SITUATION WANTED—Young lady wishes a situation in a florist store or to travel on the road for a firm; a good saleswoman; is capable of handling anything in the florist line; up in all its branches; a good design maker. Address Paulena Lafontaine, Oconomowoc, Wis.

FOR SALE—Carmody hot water boiler, heating 1,500 feet of 4-inch pipe. Good shape. Price $50.00. E. P. Hall, Shelbyville, Ky.

SITUATION WANTED—As foreman, by a first-class florist, well up in rose and cut flower growing; good plantsman; best of references; single; open at once. Address Foreman, care Florists' Review.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

WANTED—Unmarried man to take small commercial greenhouses in Ohio on shares; pays well; good reason for wishing to place entire charge with good all 'round florist; none but the well recommended need apply. Hamlin, care Florists' Review.

FOR SALE—Greenhouse boiler, 3x6 feet, upright; fifty-five 1¼-inch flues; water all around fire-box; cast-iron base; will heat 4,000 feet of glass or more; all in good condition. D. C. Noble, Columbia City, Ind.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

Bronze Galax Leaves

Every leaf guaranteed perfect,

One-Dollar-Twenty-Five per 1000.

Try a sample Fifty for Ten Cents in stamps, delivered Free.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write.

I Pay Express or Postage on my

Bronze Galax Leaves

and deliver anywhere in U. S. for

One-Dollar-Fifty per 1000. Write for Particulars.

LILLIAN ALLEN DEXTER, Washington, D. C.

Mention The Review when you write.

FOR SALE.

OAKLAND, CAL.—An elegant piece of property, 160 ft. front by 145 ft. deep. 10 minutes ride from center of city. Three large greenhouses, each 116x25 ft., well stocked. Elegant cottage of seven rooms, gas fixtures. Owner compelled by circumstances to go to the Alaska gold fields and must sell quickly. Cost $7,000. Will sell at great reduction. Write for price.

The above named property is a bargain and those desiring to purchase will do well to communicate with us. This is only one of the many properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 869.

FOR SALE.

1500 N. Cordata Compacta

in 2-inch pots, strong plants at $3 00 per 100. Also strong plants from bench, $2.00 per 100.

Chas. Schweigert, Niles Center, Ill.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

CYCLAMEN

Importation Just Received.
Crop Harvested May and June of this year.
.....STRICTLY NEW CROP.

SOW ONLY HUNT'S **Cyclamen Persicum Grandiflora,** The finest strain for FLORISTS' use, composed of all the newest and latest shades and productions.

WRITE FOR MID-SUMMER SEED LIST

CYCLAMEN PERSICUM GIGANTEUM, ALBUM—pure white, WHITE—carmine eye, ROSEUM SUPERBUM, CRIMSON KING, RUBRUM.

Our New Ribbon List, Ready July 21st. Something well worth the trouble of asking for.

Calceolaria, Primula, Cineraria, Pansy—all new, all excellent.

E. H. HUNT, CHICAGO. 76-78 WABASH AVENUE. .....Long Distance 'Phone Central 1751.

Mention The Review when you write.

BALTIMORE.

No change to report in phases of market or condition of stock. A fine rain one day last week, was followed by pleasant weather, and now we are threatened with another wave of the torrid heat. Out-door plants are doing poorly in most situations, and the "truck" growers and canners are complaining of the scarcity of all varieties of vegetables, which are unusually high in price.

Some growers are housing their carnations. Messrs. Halliday Bros. have already practically all their houses planted.

The Park Board is advertising for proposals, which will be received up to noon of the 15th instant, for bulbs for the various parks and public squares. Specifications may be had by application to the secretary of the commission, Mr. Charles R. Parkhurst. The aggregate is quite large.

RIX.

PHILADELPHIA.

Every florist in the land will sympathise deeply with Mr. and Mrs. Edwin Lonsdale in the sad loss of two daughters, just growing into bright womanhood, Miss Jennie and Miss Sarah Burton, who were drowned at Ocean City, N. J., as reported in last week's Review.

The funeral services were held at the home in Wyndmoor and also at Grace Church, Mt. Airy, on Friday, Aug. 3rd. The church was thronged with friends who sincerely mourn their loss.

W.

TARRYTOWN, N Y.

The Tarrytown Horticultural Society held its monthly meeting July 26. C. P. Johnstone, William Hyland and Albert Griswold were elected to membership. Mr. Bosckard put up a fine display of French gladiolus. William Scott read a paper on "Points to Exhibitors," which was well received and thoroughly discussed.

The society was favored with a visit from James W. Withers of New York, who, as usual, gave a very interesting talk on the prospects of horticulture.

R. ANGUS.

PALMS—FERNS

Fine Stock, Prices to Please, Low Express Rates.

PALMS....	No. of Leaves.	Inches High.	Size of Jar.	Per doz.	Per 100.
Latania Borbonica	4 to 6	15 to 18	6-inch	$ 6.50	$60.00
Kentia Forsteriana	4 to 6	18 to 24	6 "	8.50	70.00
" "	3 to 4	18 to 20	5 "	6.00	50.00
" "	3 to 4	12 to 18	4 "	4.00	33.00
" Belmoreana	4 to 6	15 to 18	6 "	10.00	90.00
" " extra fine	5 to 6	12 to 18	5 "	7.50	60.00
" "	3 to 4	12 to 15	4 "	4.00	35.00
Areca Lutescens	3 to 5	18 to 24	6 "	5.00	45.00
" "	3 to 4	12 to 15	4 "	3.00	28.00
Phoenix Canariensis	4 to 6	12 to 15	5 "	5.00	35.00
" "	2 to 4	10 to 12	4 "	2.50	20.00
Pandanus Utilis		15 to 18	6 "	6.00	50.00
" "		10 to 12	3 "	1.50	10.00
Livistona Rotundifolia			4 "	3.25	25.00
" "			5 "	5.00	40.00
FERNS....					
Nephrolepis Davalliodes Furcans		7 to 8	"	3.00	20.00
" "			4 "	1.00	10.00
" Cordata Compacta			3 "	.70	5.00
Adiantum Roenbecki			3 "	.65	5.00

Soliciting a share of your patronage, I am, Yours respectfully,

Rockford Seed Farms, Forest City Greenhouses. **H. W. BUCKBEE,** ROCKFORD, ILL.....

Mention The Review when you write.

CANADIAN HORT. ASS'N.

Eastern Delegates.

Eastern delegates to the Canadian Horticultural Association convention at Montreal, August 16 and 17, can get single fare return rates (if over ten) from any station on the Intercolonial railway. Get a certificate at station of departure that you have paid single first-class fare to Montreal; get the same signed by the secretary of the convention; present to Montreal ticket office before the 20th and you will be given a free ticket home.

A. H. EWING,
Secretary C. H. A.

NASHVILLE, TENN.—Articles of incorporation of the American Plant & Seed Company have been filed in the County Register's office. The incorporators are Gilbert Marshall, J. R. Atkinson, R. A. Adcock, Robert Caruthers and Ford McNeal. The capital stock is $30,000, and the purpose of the incorporators is to grow flower and garden seeds.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., ready for 4s, $4.00 per 100. Heliotrope, the very best dark blue, strong grower, new field-grown stock, plants full of cuttings, ready for 5-in. pots, $10 per 100. Coleus, newest and latest varieties, fancy colors in flats, large plants, $1.00 per 100. Cinerarias, superb strain, in flats, ready for shifting, $1.50 per 100.

PANSY SEED.

New crop, superb strain, prize mixture, of Bugnots, Cassiers and Odier, ¼ oz., 75c; oz., $2.50. Separately—¼ oz., $1.00; oz., $3.00. Trimardeau, $2.00 per oz.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

10,000 Chrysanthemums

Thrifty young plants from 2¼-inch pots.

To Close Out. $2.50 per hundred. $20.00 per thousand.

List of varieties on application.

NATHAN SMITH & SON, - ADRIAN, MICH.

POT GROWN Strawberry Plants

Ready now. Send for circular. We also have a large quantity of Herbaceous Plants and Nursery Stock. Catalogue free.

THE ELIZABETH NURSERY CO., -- Elizabeth, N. J.

Mention The Review when you write.

DREER'S Special Offer of SEASONABLE STOCK

ASPARAGUS SPRENGERI.

A fine lot of strong plants in

2-inch pots	$5.00	per 100,	$40.00 per 1000
4 "	1.50	per doz.,	12.00 per 100
6 "	4.50	"	35.00 "

ASPARAGUS PLUMOSUS NANUS.

A fine lot of thrifty young plants ready to pot up.

2-inch pots .....75 cts per doz., $6.00 per 100, $50.00 per 1000

FICUS ELASTICA. (Rubber Plant.)

4-inch pots, 10 to 12 inches high	$4.00	per doz.,	$30.00 per 100
6 " 15 to 18 "	6.00	"	50.00 "
6 " 20 to 24 "	9.00	"	75.00 "

For a full line of Decorative plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

CYCAS REVOLUTA.

(SAGO PALM.)

We have a large stock of Cycas, especially in medium sized plants, suitable for retailing for house decoration. All of these sizes are in very good condition, and we are certain will give entire satisfaction.

STEMS.	LEAVES.		EACH.
3 to 4 in. high	6 to 8	12 to 15 in. long	$1.00
4 to 5 "	8 to 10	18 to 20 "	1.50
5 "	12 to 15	18 to 20 "	2.00
6 "	12 to 15	20 to 24 "	2.50
6 "	15 to 18	22 to 26 "	3.00
8 "	18 to 20	24 to 26 "	4.00
8 "	20 to 25	24 to 28 "	5.00
12 "	25 to 30	24 to 28 "	7.50
12 "	25 to 30	30 to 36 "	10.00

Invitation. Florists attending the Convention in New York are cordially invited to visit our establishment at Riverton, N. J. Our representatives will be found in Convention Hall and will gladly give information as to best way to reach Riverton.

HENRY A. DREER,

714 CHESTNUT ST., PHILADELPHIA, PA.

Mention The Review when you write.

WASHINGTON.

Stock is now at its lowest point for this season. Except for an occasional funeral order there is but little business done.

What roses that are brought in come from carried-over stock and bring from 2 to 3 cents. There are all kinds of roses but few carnations on the market, and all outdoor stock is poor on account of the drouth.

Our growers in general are now through planting roses and are making preparations for carnations, and between times are taking short vacation trips.

D. Z. Blackstone and Fred Miller are enjoying a fishing trip at Bath, Me.; George Schaffer and Henry Gutenhemel have just returned from a pleasant yacht and bass-fishing trip to Harper's Ferry, and quite a number of the boys are gone for a few days.

E. T. Fisher of Lynchburg, Va., for a number of years its prominent florist, stole a march on the boys the other day by coming up on an excursion, with his intended bride, Mrs. Wright, also in the florist business, and quietly getting married. Being strangers in the city, they were guided by our correspondent, and after some light refreshments left for the west on a two months' trip.

W. F. Gude is hustling around getting the boys together for New York, and from present indications quite a number will go. As yet they are undecided as to whether they will go by rail or sea.

Paul Berkowitz was around this week and was booming the coming convention. F. H. KRAMER.

Always Mention the....
Florists' Review
When Writing Advertisers.

Z. CHRISTMAS IS THE.... SWEET PEA FOR FORCING

Seed, $10 per lb., $1.50 per oz.

This grand variety is for inside culture only. The flowers first appear from September to November 20th, and flowers from then all winter until June. From middle bench, 6½x100 feet, I cut an average of 84 dozen per day; grows only 4½ ft. high and flowers on 15-inch stems; color similar to Blanche Ferry. They are easily grown and with each order I will send directions as to the way I grow them. I have raised them 8 years now and they do well every year. All seed is from selected plants raised inside, and I will guarantee them to flower all winter. Plant after your mums. Have only a small quantity of seed, so first come, first served. Send check or money order with your order.

ANT. C. ZVOLANEK,
Grand View, Somerset Co., N. J.
Formerly at West Hoboken, N. J.

Mention The Review when you write.

CELERY and CABBAGE

CELERY. Pink Plume and New Rose (extra strong), Boston Market, Giant Pascal, White Plume and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CABBAGE. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

KALE. Dwarf Green Curled Scotch, same price as Cabbage. If any of the above by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

For Ten Days Only!

100,000 plants for sale at half price and less to make room.

Roses—20,000 strictly A1 plants, 3½ and 4-in. (big fellows), Bride, Perle, Meteor, Maid and Golden Gate, only 4c.; worth 10c. The same in 2½ and 3-in., only 3c.; cheap at 6c.

Smilax—15,000 double extra, guaranteed as good as you ever planted, $1.00 per 100, $10.00 per 1000; as many as you want.

Geraniums—10,000 Bruanti (dbl. scarlet) and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders; strong 2½ and 3-in., only $1.50 per 100. Bear in mind this is only the price of Rooted Cuttings, and you can't buy them for double that in a month.

Boston Ferns—(they're beauties), strong 2½-in., 5c.; 3-in., 6c. Stock limited.

Dbl. Fringed Petunias and Coleus—In superb collection. Ageratum (Princess Pauline) and White Lady, only 1c.

Fuchsias—Strong 4-in., $1.00 per doz.; 2 and 2½-in., $1.50 per 100.

Calla Bulbs—Strong 8 and 10c. size for 5c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

...TO CLEAN UP...

5,000 Geraniums, mixed, 2¼-in	$1.50
1,000 Red Vernon, 2¼-in	1.50
1,000 Erfordi, 2¼-in	1.50
2,000 Begonias, mixed, 2¼-in	1.50
1,000 Fuchsias, mixed, 2¼-in	1.50
2,000 Salvias, 2½-in	1.50

The MORRIS FLORAL CO., Morris, Ill.

Always mention the Florists' Review when writing advertisers.

...THE ANNUAL..
CONVENTION NUMBER
OF THE Florists' Review WILL BE ISSUED AUGUST 23,

and will contain a report of the New York Convention.
Send advs. now for this Special Number.

CHICAGO TO NEW YORK.

The Chicago Florists' Club's Committee on Transportation to the New York Convention of the Society of American Florists, to be held Aug. 21, 22, 23 and 24, has arranged with the Lake Shore and Michigan Southern Railway for a special train, which will be vestibuled, and will contain as many Pullman sleepers as may be necessary, a buffet smoking car, a dining car and a day coach.

The running time of this train will be as follows:

Leave Chicago, 3 p. m., Sunday, Aug. 19.
Arrive Niagara Falls, 7:30 a. m., Monday, Aug. 20.
Leave Niagara Falls, 9:30 a. m., Monday, Aug. 20.
Leave Buffalo, 10:20 a. m., Monday, Aug. 20.
Arrive Grand Cent. Sta., N.Y., 9 p. m., Monday, Aug. 20.

The railroad fare for the round trip will be $26.70 on the certificate plan. The sleeping car fare will be $5.00 for a double berth to New York. But if sleeper accommodations are desired to Buffalo only, sleeper tickets from Chicago to Buffalo may be had for $3.00 and the remainder of the distance travelled in the day coach.

At Niagara Falls an hour will be devoted to a trip around the Gorge Route Electric Line, which on the American side runs for miles below the falls along the rapids, whirlpool, etc. Special trolley cars will await the arrival of our special train.

Those not wishing to take the trip through the gorge can devote their time to seeing the falls in any way they desire.

Returning from New York the members of the party have the option of returning by all rail route, or of taking the boat as far as Albany. And as a daylight ride up the Hudson is an exceedingly enjoyable trip, the majority will no doubt take advantage of it. The boat leaves New York, foot of Desbrosses street at 8:40 a. m. daily, reaching Albany at 6:10 p. m. A west-bound train leaves Albany at 10 p. m., which arrives Chicago at 9 p. m. next day. To any preferring the lake trip Buffalo to Cleveland the privilege of taking the C. & B. Transit Co.'s boat is afforded.

Berths may be reserved in the special sleepers by addressing L. F. Vosburgh, City Passenger and Ticket Agent, Lake Shore and Michigan Southern Railway, 180 Clark street, Chicago, who will also supply any other information desired. Railroad tickets may be had at above address or at the Lake Shore Station, Van Buren street.

In reserving berths be careful to state whether you wish a berth to New York, or to Buffalo only, and mention that you desire to travel in the Florists' Special Train.

By vote of the Chicago Florists' Club the Committee was instructed to invite all florists in the west to travel with the Chicago party and to share the advantages secured by the Committee. We shall be pleased to have your company on this trip. The New York Convention promises to be a memorable one, and every florist who can possibly do so should go.

Please make your berth reservations as early as possible.

G. L. GRANT,
W. N. RUDD,
WALTER KREITLING,
} Transportation Committee, Chicago Florists' Club.

Learning that a number of florists have misinterpreted a circular issued by a certain R. R., the committee wishes to state that by whatever railroad a florist travels to New York he must leave New York on or before August 28 in order to secure the reduced rate.

NEW LONDON, CONN.—John Mitchell died July 23, after a long illness, aged 70 years.

BRAZIL, IND.—A. Dinkel has purchased ground on North Walnut street, upon which he will build greenhouses in the spring.

NASHVILLE, TENN.—The Joy & Son Co. has been incorporated with a capital stock of $18,000. The incorporators are Thomas S. Joy, David P. Wrenne, Paul L. Sloan, Thomas C. Joy and C. B. Harrison.

CALUMET, MICH.—A. E. Lutey, formerly of Negaunee, has leased ground here upon which he is building two carnation houses 16x100, a chrysanthemum house 10x100, a rose house 18x100 and a palm house 14x60.

PORTSMOUTH, O.—The Herms Floral Company are getting things in shape on their farm, three miles north of the city. Already they have built a workshop and erected a pumping engine and station for water supply from the Scioto river and will soon begin the building of several greenhouses. When completed they will engage in the raising of plants and flowers on a large scale.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND AND RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

Carnation Blooms...
In Unlimited Quantities, Shipped to all points.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

Floral Fancies, Language of Flowers, TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
Valley	3.00 to 5.00
Sweet Peas	.10 to .25
Lilies	8.00 to 10.00
Adiantum	.50 to 1.00
Common Ferns	per 1000, $1.00
Smilax	per doz., $1.00 to 1.50
Asparagus "	5.00 to 6.00

Full line of Field Grown Carnation Plants to offer.

SEEDS AND BULBS.

Callas, select, 1¼ to 1½-in. diam., per 100	$5.00
" " 1½ to 1¾ " "	7.00
" " 2 to 2½ " "	9.00
Bermuda Freesias, ⅜-in. and up, per 1000	5.50
" " ½ " " "	6.50

Harrisii Lilies, Longiflorum, Roman Hyacinths, Paper Whites. **Prices on application.**

All Dutch Bulbs in Season.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Choicest Mixture	.50
Gloxinia Hybridi, Choicest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems, fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
Cape Flowers, white, per lb	.85
" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second " .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastics, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45, 47, 49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering, healthy bulbs. Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers, $20.00 per 100.

F. LUDEMANN,

Pacific Nursery, San Francisco, Cal.

.....THE.....

MURRAY HILL HOTEL

Park Ave., 40th and 41st Sts.,

NEW YORK.

One block from Grand Central Station.

Two blocks from the S. A. F. Convention Hall.

AMERICAN and EUROPEAN PLAN.

Coolest Hotel in the city, at special rates for S. A. F. Members.

Baggage transferred to and from Grand Central Station FREE OF CHARGE.

GERANIUMS....

Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey. All clean healthy stock from 2 and 2½-in. pots, at $2.50 per 100. Also Mme. Bruant from 3-in. pots, at $3.50 per 100.

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

Mention The Review when you write.

FOR

PALMS

Write to Walter Retzer & Co.

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

....THE ANNUAL....

Convention Number

OF THE

Florists' Review

WILL BE ISSUED

August 23,

and will contain a report of the New York Convention.

Send Advs. Now for this Special Number.

CATALOGUES RECEIVED.

Samuel C. Moon, Morrisville Nurseries, Morrisville, Pa.; catalogue of ornamental trees, plants, shrubs, vines, etc., and fruit trees and plants. H. P. Kelsey, Tremont building, Boston, Mass.; fine hardy American bulbs and plants, many of which are new and rare. T. H. Nevin Co., Allegheny, Pa.; color card of household paints. David B. Woodbury, South Paris, Me.; trade list of pansy seed. Slaymaker & Son, Dover, Del.; summer circular of strawberry and celery plants. W. J. Hesser, Plattsmouth, Neb.; wholesale price list of palms. E. H. Hayward & Co., De Land, Fla.; ornamental trees, vines and roses.

LOUISVILLE, KY.

The regular monthly meeting of the Kentucky Society of Florists, which was held at Jos. Coenen & Co.'s on Wednesday afternoon, August 3, at 3 p. m., was well attended. Refreshments were served and all present had a good time.

Business is at a standstill; weather hot and dry and we need a good rain to help the carnations in the field.

From present indications there will be no one from this city to attend the S. A. F. convention in New York.

Jacob Schulz has completed his new houses and they are models of beauty.

Joseph Coenen & Co. have put in a new boiler.

Hy Huth, the florist at St. Stephen's cemetery, reports a large trade in plants this season.

William Mann expects to leave soon for Atlantic City for a stay of a couple of weeks.

Mrs. Laura Rudy and daughter Violet are spending the summer in Carrollton, Ky.

Hy Fuchs has moved into his fine new residence.

HY LICHTEFELD.

PEORIA, ILL.

Nelson Cole's racehorse recently won a $500 stake.

The florists, to add to their affectionate regard for each other, have moved, Kuhl closer up on the other side of Main St., near to Cole Bros., and Murray two doors closer also. Loveridge, a little further down, may possibly come in closer touch should an opportunity occur. And if the spoils belong to the strong, the public will continue to get flowers cheaper than ever.

Carnations are looking well in the field and roses are very fine, especially Beauties, everywhere.

Trade is dull, with some funeral work coming in. Asters, lilies and carnations, with a few good roses, are seen in the stores. J. R.

BEAVER FALLS, PA.—T. W. Richards has discontinued business as a florist.

We Still Have to Close Out Cheap

2500 Maids, 2½-in. **500 La France,** 2½-in.
1000 Perles, 2½-in. **1000 Meteors,** 3-in.
500 Am. Beauties, 2½-in. **500 Kaiserins,** 2-in.
Boston Ferns, now ready for 5 and 6-in. pots.
WRITE FOR PRICES.
GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

Rose Plants In Perfect Condition

300 Meteors, 3½-inch	$5.00	per 100
200 Brides, 3½-inch	5.00	"
200 " 3-inch	4.00	"
1000 Beauties, 3-inch	5.00	"
100 Pres. Carnot, 4-inch	7.00	"
100 Perles, 3-inch	4.00	"

BROWN & CANFIELD, Springfield, Ill.
Mention The Review when you write.

PLANTS AND ROOTED CUTTINGS.
Send for Descriptive Circular and Prices of the BEST Rose Stocks for Florists' Use.

	Per 100
Asparagus Plumosus, 2¼-inch	$5.00
Asparagus Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Begonia Rex, 2¼-in.	4.00
" " 3-in.	6.00
" " 3½-in.	8.00
Baby Primrose, 2¼-in.	4.00
Cyperus (Umbrella Plant) 2¼-in	4.00
Dracaena Ind., 3-in.	6.00
Dracaena Ind., 5-in.	$25.00
" " 6-in., extra.	50.00
Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in.	6.00
Fuchsias, 2¼-in. $3.00; 3-in.	4.00
Geraniums, Ivy, 3½-in.	4.00
S. A. Nutt, Double Grant, La Favorite, Elizia, Glo. de France, etc, 2¼-in.	3.00
Happy Thought, 2¼-in.	4.00
Double New Life, 2¼-in.	6.00
Heliotrope, 2-in., $3.00; 4-in.	$8.00
Hydrangea, pink and white, 2¼-in.	5.00
Impatiens Sultani, 2¼-in.	3.00
Lemon Verbena, 2-inch	3.00
Var. Trailing Abutilon, 2¼-in.	4.00
Violets, Farquhar, 2¼-in.	2.50
" " 3in.	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00

ROOTED CUTTINGS. Per hundred.

Anthemis Cor., (Dble. Yellow Marguerite)	$1.50	Forget-Me-Not, winter flower	$2.00
Begonia Rex	2.00	Geraniums, sweet, in variety	1.50
		Named	1.50
		Vinca	$ 1.25
		" per 1000	10.00
		Snow Crest Daisy	2.00

Write us for prices on 1,000 lots. Terms — Cash or C. O. D.
GREENE & UNDERHILL, - WATERTOWN, N. Y.
Mention The Review when you write.

FIRST QUALITY FORCING ROSES. Reduced Prices TO CLOSE OUT.
Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect.
Only selected growth from flowering shoots used in propagating.
AMERICAN BEAUTY, METEOR, BRIDESMAID, SAFRANO, BON SILENE, PERLE, KAISERIN, MAID OF HONOR, BRIDE,
3-inch pots, $5.00 per 100; 4-inch pots, $8.00 per 100.
Grafted Roses. MAID OF HONOR, GOLDEN GATE, 3½-inch pots, $15.00 per 100. LIBERTY, 4-inch pots, $8.00 per doz.; 50 plants for $24.00.
J. L. DILLON, BLOOMSBURG, PA.
Mention The Review when you write.

Roses=To Close:

		Per 100	Per 1000
140 Perles	3-inch,	$3.50	
250 Perles	2½-inch,	3.00	
1000 Bridesmaids	2½-inch,	2.50	$20.00
1250 Golden Gates	2½-inch,	2.50	20.00

PHŒNIX CANARIENSIS, 5 and 6-inch pots, $2.50 per doz.; $20.00 per 100.
WM. B. SANDS, Lake Roland, BALTIMORE, MD.
Mention The Review when you write.

SPECIAL OFFER.
RosePlants
To clean out and finish planting we have to offer the following 2½-inch rose plants:
5000 Meteors, - $20 per 1000
4000 Brides, - - $20 "
Will sell the lot for $135
This stock is clean and in good condition, especially the Meteors, which are very fine.
J. A. BUDLONG,
37 & 39 Randolph Street, - CHICAGO, ILL.
Mention The Review when you write.

WRITE US
For prices on the following Everblooming Roses in 4-inch pots, healthy and well grown: Bride, Bridesmaid, Golden Gate, Kaiserin, Augusta, La France, Meteor, Mme. Caroline Testout, Perle des Jardins, Papa Gontier, Safrano, President Carnot, Muriel Graham, Souv. de Wootton, by the hundred.
HOOPES BRO. & THOMAS.
Maple Avenue Nurseries, WEST CHESTER, PA.
Mention The Review when you write.

METEOR ROSES
METEOR, 3½-inch pots, $4.00 per 100; $37.50 per 1000.
Potted and re-potted four times.
These plants are vigorous and unusually fine.
Packed to safely ship any distance.
BRANT & NOE, Forest Glen, Chicago, Ill.
Mention The Review when you write.

SURPLUS STOCK OF.. ROSES. Strong Plants from 3-in. pots

1100 American Beauties	$10.00	per 100
500 Brides	4.00	"
400 Bridesmaids	4.00	"
450 Golden Gates	6.00	"
550 Meteors	6.00	"
300 Meteors, 2½-in pots	5.00	"

CASH WITH ORDER.
WM. CLARK, Colorado Springs, Col.
Mention The Review when you write.

ROSES
in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.
CASH WITH ORDER.
R. H. MURPHEY, -- Urbana, Ohio.
Mention The Review when you write.

GENIUS BY THE PECK.

Artist—"I had to sell my agricultural painting for $4."

Artist's Friend—"That's highway robbery. What made it go so low?"

Artist—"Well, a commission merchant on the Art committee claimed there was only $2.50 worth of corn in the whole thing."—Cleveland Plain Dealer.

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whildin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3.00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$3.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
E. Dailledouze	4.00	Mrs. Baer	3.00
Golden Wedding.	4.00		

In addition to the above we have a large list of new and other leading standard sorts. Send for complete list. **H. Weber & Sons, Oakland, Md.**

Mention The Review when you write.

Asparagus Plumosus Nanus,

Fine young plants, $5.00 per 100.

BEGONIA REX, strong 3-inch pot plants in in good assortment, $6.00 per 100.

CYPERUS ALTERNIFOLIUS, 2½-in. pots, $3.00 per 100.

CYCLAMEN, Dry Bulbs, finest strain mixed, $6.00 per 100.

CAREX JAPONICA VARIEGATA, an excellent decorative grass. Extra strong plants from 2½-inch pots, $5.00 per 100.

NEPH. CORDIFOLIA, 2½-inch pots, $3.00 per 100.

SMILAX, field grown, strong clumps, $3.00 per 100; extra heavy, $5.00 per 100,

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

GALVANIZED STEEL

THE MODEL ROSE STAKE Looped and Pointed.

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER.
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,
226 North 9th Street,
BROOKLYN, N. Y.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Mention The Review when you write.

Begonia...
Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

CHINESE... PRIMROSES

50,000 Finest Large Flowering Fringed, per 100, $2.00; per 1000, $17.00
Obconica Grand. Fimbriata, Rosea (ready Sept. 1) and Forbesi, per 100, $2.00

ASPARAGUS { Sprengeri, $3.00 per 100. Plumosus, 4.00 "

PANSY SEED Large Flowering, per oz., $4.00.

CINERARIA, August 20, $2.00 per 100.

☞Cash Please.

JOSEPH H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

JOHN WELSH YOUNG,
WHOLESALE GROWER OF
Pandanus Veitchii and Boston Ferns,

Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write

EDWARD B. JACKSON,
Wholesale Florist.

HARDY HERBACEOUS PLANTS ONLY.
In any quantity for the least money.
STAMFORD, CONN.

Mention The Review when you write

E. G. Hill & Co.
Wholesale Florists,
RICHMOND, INDIANA.

Mention The Review when you write.

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Trailing abutilon, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

ARAUCARIAS.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

A. sprengeri, 2-in., $5.00 per 100, $40.00 per 1000; 4-in., $1.50 per doz., $12.00 per 100; 6-in., $4.50 per doz., $35.00 per 100. A. plumosus nanus, 2-in., 75c per doz., $6.00 per 100, $50.00 per 1000. H. A. Dreer, 714 Chestnut st., Philadelphia.

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Asparagus Sprengeri, strong plants, 2½-in., $3.00, strong 3-in., $4.00 per 100. A. plumosus nanus, extra strong, 2½-in., $5.00 per 100.
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Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
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Asparagus plumosus, 2¼-in., $5.00; A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

Asparagus Sprengeri, 2-in. pots, fine large plants, $2.00 per 100. C. Winterich, Defiance, O.

A. plumosus nanus, fine young plants, $5.00 per 100. N. Smith & Son, Adrian, Mich.

Asparagus Sprengeri, 2-in., $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

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Azalea indica. Ask for prices.
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Begonia rex. 400 2½ and 3-in., $3.00 per 100; 100 3½-in., $6.00 per 100.
Isaac Miles, Oshkosh, Wis.

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California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100, $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs.
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Field-grown plants ready Aug. 1, for planting in. Strong stock.
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Chrysanthemums, now is the time to plant them. We are offering extra fine, vigorous plants from 2 and 2½-in. pots. Everybody likes them. For varieties and price see display adv. in this issue.
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Surplus plants of choice chrysanthemums. Write for prices. J. M. Gasser, Cleveland, O.

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Cinerarias. Superb strain, in flats ready for shifting, $1.50 per 100.
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Cinerarias ready Aug. 20th, $2.00 per 100.
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Cycas revoluta stems, assorted sizes, 3 to 12 lbs., $8.00 per 100 lbs. while unsold. J. M. Thorburn & Co., 36 Cortlandt St., New York.

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Cyclamen giant splendens, 2-½-in. pots, fine, strong, good plants, $4.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen giganteum, finest strain in five choice colors mixed, strong 2½-in., $4.00 per 100. W. S. Herzog, Morris Plains, N. J.

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Cyperus alternifolius, 2½-in. pots, ready to shift to 4-in., $2.50 per 100, $20.00 per 1000.
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See Smilax and Roses.

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Cyperus (Umbrella plant), 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

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Anthemis (dbl. yellow Marguerite), $1.50 per 100. Snow Crest, $2.00 per 100.
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DRACAENAS.

Dracaena indivisa, 3-in., $6.00; 4½-in., $25.00; 5-in., $35.00; 6-in., $50.00.
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Dracaena terminalis, 4-in., $15.00 per 100. J. B. Heiss, Dayton, Ohio.

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A grand stock of Maidenhair ferns in 4-inch ready for 5-inch pots, $8.00 per 100; $75.00 per 1000. Full grown plants in 2½-inch, ready for a shift, $3.50 per 100; $30.00 per 1000. Fine line of assorted ferns for jardinieres, all the best varieties, 2½-in. pots, $4.00 per 100; $35.00 per 1000. Cash or C. O. D. Anderson & Christensen, Short Hills, N. J.

Fern Spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
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Nephrolepis davillioides furcans, 7 to 8-in., $3.00 per doz.; $20.00 per 100; 4-in., $1.00 per doz.; $10.00 per 100; N. cordata compacta, 3-in., 70 cents per doz.; $5.00 per 100; Adiantum Roenbecki, 3-in., 65 cents per doz.; $5.00 per 100. H. W. Buckbee, Rockford, Ill.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
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1,500 N. cordata compacta, strong plants, 2-in., $3.00 per 100; strong plants from bench, $2.00 per 100.
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Ferns for fern dishes. Tremula, Maidenhair, Pteris cretica lineata, $3.00 per 100; Pteris argyraea (silver fern), 4c.
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Adiantum Farleyense, fine stock, 6-in., 50c each. J. B. Heiss, Dayton, Ohio.

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Selaginella, strong, 3½-in. pots, $6.00 per 100.
John Reck, Bridgeport, Conn.

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Ficus elastica, 4-in., 10 to 12 in. high, $4.00 per doz., $30.00 per 100; 6-in., 15 to 18 in. high, $6.00 per doz., $50.00 per 100; 6-in., 20 to 24 in. high, $9.00 per doz., $75.00 per 100.
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Pot-grown strawberry plants ready now. Send for circular. We also have a large quantity of herbaceous plants and nursery stock. Catalogue free.
Elizabeth Nursery Co., Elizabeth, N. J.

100,000 pot-grown strawberry plants, new and old varieties. Send for circular. Jas. McColgan & Co., Atlantic Highlands, N. J.

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1000 fuchsias, mixed, 2¼-in., $4.00. Cash.
Morris Floral Co., Morris, Ill.

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Gardenia Florida, strong, healthy plants, 5-in. pots, $15.00 per 100. 2½-in., extra strong, $4.00 per 100. Cash or C. O. D.
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10,000 Bruanti (dbl. scarlet), and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders, strong 2½ and 3-in., only $1.50 per 100. Bear in mind this is only the price of rooted cuttings; you can't buy them for double this price in a month. Cash.
South Side Floral Co., Springfield, Ill.

Mme. Bruant, La Favorite, B. Pointevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey, all clean, healthy stock from 2 and 2½-in., $2.50 per 100. Mme. Bruant, 3-in., $3.50 per 100. New mammoth scarlet, Clyde, $3.00 per doz. W. E. Hall, Clyde, Ohio.

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Assorted Geraniums, stock plants, at $10.00 per 100. Geranium Mars, 1 year old plants, 5-in. pots, $3.00 per doz.
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5,000 geraniums, mixed, 2¼-in., $1.50 per 100.
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25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list.
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An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

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Heliotrope. The best blue, new field-grown plants, full of cuttings, ready for 5-in. pots, $10.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

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Hydrangea, pink and white, 2¼-in., $5.00 per 100.
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Hardy Ivies, 3 feet high, bushy plants, $3.00 per doz. John Reck, Bridgeport, Conn.

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Jasminums. Maid of Orleans, Grand Duke, Grandiflora, Sambac or Arabian, Revolutum, strong, thrifty plants, 3-in. pots, $6.00 per 100.
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Jasmine grandiflora, very fine for cut flowers, always in bloom, 4-in., strong plants, $1.50 per doz. Cash. Critchell's, Cincinnati, O.

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Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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Fine stock; prices to please; low express rates.

	No. lvs.	In. high.	In. pots.	Per 12.	Per 100.
Latania Bor.,	4-6	15-18	6	$ 6.50	$60.00
Kentia Fors.,	4-6	18-24	6	8.50	70.00
" "	3-4	18-20	5	6.00	50.00
" "	3-4	12-18	4	4.00	33.00
" Bel.,	4-6	15-18	6	10.00	90.00
" "	5-6	12-18	5	7.50	60.00
" "	3-4	12-15	4	4.00	35.00
Areca Lut.,	3-5	18-24	6	5.00	45.00
" "	3-4	12-15	4	3.00	28.00
Phoenix Can.,	4-6	12-15	5	5.00	35.00
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Pandanus Utilus,		15-18	6	6.00	50.00
" "		10-12	3	1.50	10.00
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Sago Palms. Fine plants in all sizes. Per doz., 5 to 7 leaves, $6.00; 7 to 9 leaves, $9.00; 9 to 12 leaves, $15.00. Cash. Can be sent safely by express. Satisfaction guaranteed.
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Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
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Fresh seeds and in fine condition. Kentia Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Phoenix canariensis, elegant stock, 4½ to 5-in. $20.00 per 100. Chamaerops excelsa, 5-in., $25.00, 4-in., $20.00 per 100. J. B. Heiss, Dayton, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Phoenix canariensis, 5 and 6-in., $2.50 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Areca lutescens, Kentias Belmoreana and Forsteriana. Jos. Heacock, Wyncote, Pa.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Herr's pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100, 250 for $1.50, 500 for $2.50; by express at your expense $4.00 per 1000. A. M. Herr, Lancaster, Pa.

PETUNIAS.

500 petunias, dbl. white, 2½-in., $2.00 per 100.
James Morton, Clarksville, Tenn.

Send in your order now for a copy of the Florists' Manual.

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Chinese primroses. 50,000 finest large flowering fringed, $2.00 per 100, $17.00 per 1000. Obconica grand. fimbriata Rosea (ready Sept. 1) and Forbesii, $2.00 per 100. Cash please.
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Primula chinensis from flats, strong plants, six colors, mixed, $1.50 per 100; from 2-in. pots, $2.00 per 100. Cash with order. H. Stahlhut, New Lots and Shepherd Ave., Brooklyn, N. Y.

Primrose plants. Fine stock, ready for shifting, $2.00 per 100. W. B. Woodruff, Florist, Westfield, N. J.

Baby Primrose, 2¼-in., $4.00 per 100.
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ROSES.

TO CLOSE OUT.		Per-100.	Per 1000.
2000 Kaiserins,	3 and 3½	$3.00	$25.00
2000 Golden Gate,	3 and 3½	3.00	25.00
2000 Bridesmaids,	3 and 3½	3.00	25.00
1000 Meteors,	3 and 3½	3.00	25.00
500 Garrett,	3 and 3½	3.00	25.00
500 Brides,	3 and 3½	3.00	25.00
500 Perles,	3 and 3½	3.00	25.00
500 Mermets,	3 and 3½	3.00	25.00

500 Am. Beauties, 2½-in., $5.00 per 100, or $20.00 for the 500. These are all fine plants. Cash with order.
Mrs. J. W. Crouch, Chattanooga, Tenn.

ROSES—Continued.

ROSE PLANTS.	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Reduced prices to close out. American Beauty, Meteor, Bridesmaids, Safrano, Bon Silene, Perle, Kaiserin, Maid of Honor and Bride, 3-in., $5.00; 4-in., $8.00 per 100. Grafted roses—Maid of Honor and Golden Gate, 3½-in., $15.00 per 100; Liberty, 4-in., $8.00 per doz.; 50 plants for $24.00. J. L. Dillon, Bloomsburg, Pa.

Everblooming roses in 4-in. pots, healthy and well grown. Bride, Bridesmaid, Golden Gate, Kaiserin Augusta, La France, Meteor, Mme. Testout, Perle des Jardins, Papa Gontier, Safrana, Pres. Carnot, Muriel Graham, Souv. de Wootton. Write us for prices. Hoopes Bro. & Thomas, West Chester, Pa.

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BUFFALO.

Vacations and Picnics.

When the Board of Aldermen vote themselves a month's vacation it is a sign of very dull times, and if the present sultry weather lasts through the month we all ought to take a vacation. But few can.

Tomorrow (Wednesday) the annual florists' picnic takes place, in which there is to be a ball game for a big stake between the city boys versus the Cold Springs employes. Of that and the many sports and feats of strength you shall have a full account.

Bowling.

The men who can bowl met for a practice game last week and considering that this was the first time they had handled a ball since the Detroit meeting, they did fairly well. If W. S. and W. F. K. can keep up that form and the younger element roll their usual gait it will make it interesting.

Some impudent son of the prairie dog region signing himself "Rocky" assumes to classify the teams with adjectives supposedly descriptive of conduct or bearing. Flatbush and New York he has all right, but the rest are sadly mixed. I would not call the Chicago men the "windy" ones. They may be called the musical team or human calliopes. They exceed ordinary wind and their capacity approaches the cyclonic. Philadelphia is windy, but only away from home. Buffalo is humble, very humble, especially at the end of the third game at Detroit. I hope there will be the very best of good nature and good feeling all around. Let there be cheers for the good plays but no derisive remarks for the unlucky. This game of bowling, whatever its merits, has become a great feature of our annual gatherings and the value and extent of the prizes this year calls for the favorite remark of Dominie Sampson, "Prodigious," and the games must be conducted in a good natured gentlemanly manner and spirit. There are hundreds of games in the world, from marbles of our short pants days to the royal game of horse racing. They are all good or bad whenever the participants make them so.

Pan-American.

Mr. J. Otto Thilow, manager of Henry A. Dreer's store, was in town today selecting a spot for grass exhibit at the Pan-American. He was delighted with the outlook, but not more so than he was with our city. He seemed surprised to know that there is any thought of any other city for next year's convention.

Sub-Watering.

Prof. Arthur, of Purdue University, stopped over a day on his way to the Maine coast for a much needed rest. He is still very sanguine over the sub-watering method for our bench crops and gave me a commission which I willingly promised to undertake. He thinks that sub-watering has not yet been correctly carried out and believes the system of value to the commercial florist and hopes for more full and correct demonstrations.

Sympathy for Mr. Lonsdale.

The florists of Buffalo, with thousands more, have nothing but the greatest sorrow and sympathy for Edwin Lonsdale and wife in their terrible bereavement. If the sympathy of their many friends will comfort them they have it deeply and sincerely. But words are of no avail and none of us can realize their great grief. It is a blow to break the heart of the strongest. If we had known Edwin Lonsdale less it might not have seemed so sad to us as it does. It is a sad blow that time alone in its mercy can efface.

W. S.

BUFFALO BOWLERS.

Buffalo had a practice game this week, the first five of a series of ten games, the highest six at conclusion of two games will be the six men to win the New York trophies.

	1	2	3	4	5	Av.
Wm. Scott	189	182	157	150	180	171
W. F. Kasting	165	159	170	167	150	162
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C. Risch	157	141	127	115	141	136
G. Troup	126	104	141	126	...	124

GRAND RAPIDS, MICH.

The weather is torrid, unbearable. With the thermometer 93 to 100 degrees in the shade it is hot work taking out dirt and refilling benches.

Business is quiet. There are but few flowers on the market, but enough for the demand.

Most of the florists are either building or rebuilding. Henry Smith is building one violet house and rebuilding several small houses into one large one and is rebuilding the entire front of his extensive shed; Mulick Bros. are converting two small houses

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

into one; The Grand Rapids Floral Co. have built two large carnation houses; Freyling and Menall each one rose house; Crabb and Hunter two violet houses and rebuilding three small houses into one large rose house; Eli Cross two violet houses; James Schols large house for mixed bedding stuff and Chas. Chadwick is trying to imitate one of those Chicago "little additions" by putting up six houses of about 45,000 sq. ft.

No new additions to those going to the convention.

Carnation planting is now well under way and most of them will be housed by Sept. 1st. The largest patch in this vicinity is Chadwick's, he having 93,000 in good condition. In addition to growing lettuce, cucumbers and cut flowers, Mr. Chadwick has an immense mushroom factory from which he derives a fat income.

G. F. CRABB.

AN INVITATION.

Mr. President, Ladies and Gentlemen of the Society of American Florists: We, the florists of Buffalo and vicinity, respectfully invite you to hold your convention of 1901 in the city of Buffalo, New York. We have many reasons to advance why you should come to Buffalo next year. A few of the first importance will suffice. It is now eleven years since the convention met here, and believing that we were not altogether unsuccssful in handling the convention, our past experience will help us to make your stay with us pleasant and profitable. We are the most centrally located city in the country, being within one night's ride of forty millions of people. We have no extremes of climate, being ten degrees cooler in summer than even neighboring towns in western New York. Visitors from all quarters say we have the cleanest and best paved streets and the finest and best equipped street cars on the continent, all of which we modestly admit is true, and add that we have more miles of beautiful residence streets than any city in the world. This grand feature of our city appeals to all lovers of the beautiful in horticulture and is well worthy a visit alone. Our parks and botanical gardens are wide in extent, diversified in feature and splendidly maintained.

During the summer of 1901 will be held the Pan-American Exposition. The extent and object of this Exposition is doubtless well known, but no verbal description can give you any conception of what its beauty will be. Though not aspiring to be a World's Fair in size, yet in actual beauty of the whole, in its landscape features, in its electrical displays, in its immense display of floral wealth, in all the arts and sciences and developments that man has produced as he steps into the twentieth century, this Exposition will eclipse all that the world has so far seen. In novelty of display and amusement it will surpass even the great World's Fair of Chicago.

It is well known that many of our florists cannot spare more than one week from their business. They must see the Pan-American Exposition, and they also want to attend the convention. The entrance to the grounds is but fifteen minutes' street-car ride from the hotel district and Convention Hall. There will be ample accommodation for all visitors. Contrary to what we hear from across the Atlantic there is agreement that no charges will be raised for either the luxuries or the necessities of visitors and railroads will run to Buffalo at reduced rates.

But aside from the Pan-American Exposition we know that our city is such an ideal summer resort; that the great Niagara is within forty minutes' ride by steam or street car; we are at the foot of Lake Erie and the rushing, sparkling waters of Niagara river; within a few miles of the broad bosom of Lake Ontario; two hours' ride from Lake Chautauqua, the greatest inland summer resort on the continent; once more, we have the most salubrious summer climate. For these reasons, because you will enjoy yourself, be cool, contented and happy, and because we want your smiling faces and good will, we ask you to come to Buffalo in 1901.

W. F. KASTING, President.
WILLIAM LEGG, Secretary.
WILLIAM SCOTT,
J. F. COWELL,
D. B. LONG,
Committee.

THE DRAINAGE CHANNEL.

The Chicago Trade Press Association recently enjoyed a trip down the great drainage canal, now completed from Chicago to Lockport, a distance of over 25 miles, and all were deeply impressed with the magnitude of this great work which connects Lake Michigan with the Mississippi valley. For many miles the channel, which is 160 feet wide, is cut through solid rock. The flow of water is now 300,000 cubic feet per hour, and will be greater when the Chicago river is widened to correspond with the channel. The cost of the channel to date has been $33,000,000, and it is one of the most remarkable engineering works of the world.

The widening and deepening of the Chicago river, which the Board of Trustees is now endeavoring to bring about, is really an urgent necessity, and every possible assistance should be given the board in its efforts to secure the necessary legislation. The creation of a continuous deep waterway from the lakes to the gulf will be of very great value to the commerce of the country.

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To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florists' Manual, by Wm. Scott, keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

TROUBLES.

Owing to lack of space this week our page of troubles is held over and will appear next week.

CLARKSVILLE, TENN. — The Times-Journal of July 24 printed an interesting illustrated article about the Evergreen Lodge Flower Garden, the establishment of Mr. James Morton. Mr. Morton has a large range of glass and the bulk of his business is the filling of mail and express orders that go to every section of the country, especially the southern states.

NEWARK, N. J.—The Fera Co. has been incorporated with a capital stock of $50,000, of which $1,000 is paid in, to deal in fruits, flowers, etc. The incorporators are E. J. McNulty, who owns $900 worth of shares, George C. Chaney and Walter Fairchild, who equally divide the other $100.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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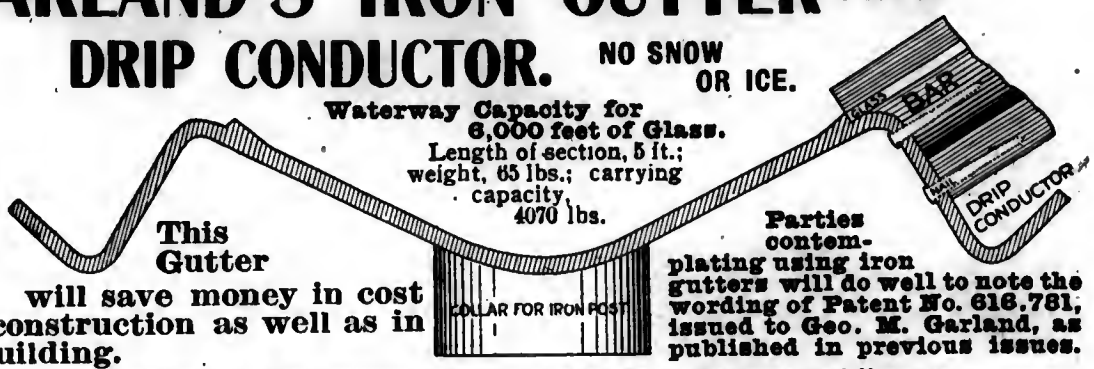
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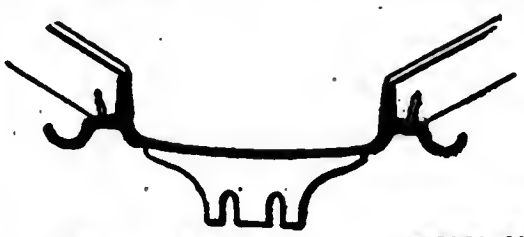
To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

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and will contain a report of the New York Convention.

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When Omar died the Rose did weep
Its petals on his tomb,
He would be laid where north winds keep
The Rose in freshest bloom.

When Sadi came, the child of song,
Each Rose flushed rosy red.
He sang their beauty all day long,
With Roses crowned his head.

—ANNA HILLS.

RICHMOND, MO.—N. J. Flint of Ovid, has bought the Richmond Greenhouses, including stock, etc. He has moved his stock of plants here from Ovid and will make this place his headquarters.

AVOCA, N. Y.—The third annual floral exhibition will be held here August 9 to 11.

CHILLICOTHE, O.—The will of the late Wm. McKellar has been probated. The estate is divided about equally between the eight children.

COLORADO SPRINGS, COLO.—The annual flower show will be held here August 23 and 24.

CEDAR RAPIDS, IA.—Contract has been let to L. Zeik for the building of a greenhouse to cost $1,200 in Bever Park.

MONONGAHELA, PA.—I. S. Crall has let a contract for building four new greenhouses, of which three will be 18x100 and one 18x80.

MINNEAPOLIS, MINN.—John Monson is building five greenhouses 16x150 and one 30x50, also a two-story office, warehouse and boiler room, at 1612 W. 36th street, to cost $4,000.

BOSTON, MASS.—Chas. H. B. Breck, the veteran seedsman, died August 1, aged 80 years. He was the head of the firm of Joseph Breck & Sons Co., which does a very large business.

...THE ANNUAL...

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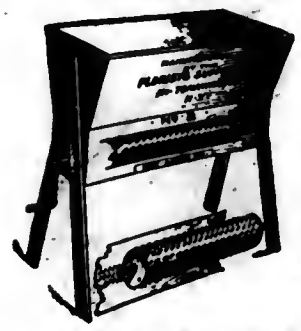
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While now mild zephyrs blow and rose trees bloom,
The garden's Queen in all her glory shows
As the green trees their purple buds disclose.

Withdraw your charms then all ye meaner train
And yield where Majesty and beauty reign;
Compared with her the ruddy morn seems pale
And conscious Cynthia's waning beauties fail.

—RAPIN.

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GENTLEMEN:—I purchased from you last September, one of your Sectional Hot Water Boilers for my greenhouse at Flatbush, and was so well pleased with the results that I bought another one for my Keap Street Greenhouses, taking out another make. Anything I might say would not be too high praise for your boilers. They work perfectly, and I am pleased to say that so far I have saved in coal one-half of the cost of the boilers. They will therefore pay for themselves in another year, a result which I consider remarkable. I would be pleased to reply to anyone desiring the actual proof of above.

Yours very truly, Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

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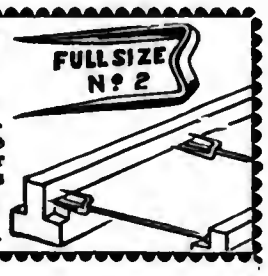
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Just like love is yonder Rose,
Heavenly fragrance round it throws,
Yet tears its dewey leaves disclose,
And in the midst of briars it blows,
Just like Love.

Cull'd to bloom upon the breast,
Since rough thorns the stem invest,
They must be gathered with the rest
And with it to the heart be prest,
Just like Love.

And when rude hands the twin buds sever,
They die and they shall blossom never,
Yet the thorns be sharp as ever,
Just like Love.

—CAMOENS.

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, AUGUST 16, 1900. No. 142.

WHEN AT THE CONVENTION.....

DO NOT FAIL TO SEE THE EXHIBIT OF OUR NEW FERN,

Nephrolepis Wittboldii

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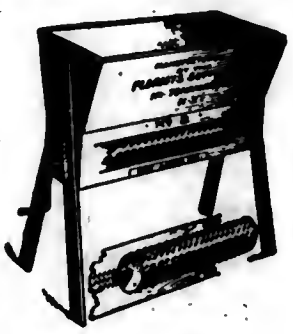
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In the days of my childhood 'twas like a sweet dream,
To sit 'mid the Roses and hear the bird's song.

That bower and its music I never forget,
But oft when alone, in the bloom of the year,
I think, Is the nightingale singing there yet?
Are the Roses still bright by the calm Bendemere?

No, the Roses soon wither'd that hung o'er the wave,
But some blossoms were gather'd while freshly they shone,
And a dew was distill'd from their flowers that gave
All the fragrance of summer when summer was gone.

—MOORE.



THOMAS YOUNG, JR.

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Arrived fresh from the woods in fine condition—Lælia Crispa, L. flava, L. grandis tenebrosa, L. Perrinii, Oncidium Varicosum Rogersii, Cattleya Percivalliana, C. Mossiæ, Lælia Anceps and L. Autumnalis.

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Kentia Forsteriana.

THE RETAIL FLORIST.....

The Weather.

A couple of uneasy individuals whose only indication of wisdom is shown by their refuge in anonymity have been distorting our writings in a manner to suit the columns of the other two trade papers. We know it is wrong to notice their silliness, but we do so merely to extend our sympathy for their affliction. The weather has been so hot and some pates are very susceptible to old Sol's smiles; therefore we pity rather than laugh at them.

Prizes for Floral Arrangements.

We have received one or two preliminary schedules of prizes to be offered at November flower shows. In one we notice "Best head of cabbage, $2.00"; "Best Bride's Bouquet, $5.00"; in another, "Best table decoration of flowers and foliage, $8"; and in another "Best table decoration of orchids, $10.00." We scarcely think it necessary to draw attention to the above great inducements to come forth and show what your resources are. You may find turnips and cabbages more profitable from a monetary point of view, but really, now, as a retail florist you ought to spend the paltry sum of $25 to compete for that $5 prize, just to show your friendship for the cabbage-grower and his plans to elevate floriculture.

No, no, don't mention anything about partiality or things that are; remember the glory, my boy; think of the fame of winning a pasteboard prize card and five big dollars for your bride's bouquet of lily of the valley and orchids, and ribbons and such cheap stuff. Pshaw, man! hunt up the best flowers you can, get that special corded, double-faced ribbon, tie it on with silk tassels, too; yes, throw in a bride's veil and spray of orange blossoms; you can afford it for that five-dollar prize even if they take away ten or twenty per cent, because you have not the honor to belong to such an enterprising society; you really ought to thank the society for recognizing your section of the trade and allowing you the great privilege of competing.

As for that $8 prize, why man, never mind Mrs. Brown's dinner decoration; that's only $50; just you take the best 150 Liberties you can get and six five-inch pots of Farleyense; don't use a basket—that's common; buy one of the new porcelain dishes, or better still a "Rookwood," and go in and win that eight dollars. Why, Mrs. Millions will surely send you her trade when she learns of your hard-won victory; what need you care if that other fellow does win $2 for his bunch of carrots or $100 for his thirty-six chrysanthemum flowers? Tut, tut, man! Be reasonable and see things in a tolerant light.

Show your interest in exhibitions; get fifty of the most perfect Cattleya Trianaes you can, and, well, four nicely furnished pots of Farleyense will do, and go for that $10 prize; you will never have a better chance to distinguish yourself. In order to insure success, it may be wise to hire a table, cloth, set of dishes, candle-holders, in fact the whole layout for a swell table—a matter of fifty dollars or so. But expense shouldn't freeze you; remember the flame of fame you will be wrapped in as a prize-winner. If you see a prize of $5 offered for "best funeral design," there's your chance to do something very, very pretty. Give them a coverlet of violets or a good big loose bunch of white orchids and taffeta ribbon; don't say a word—get that five dollars; your reputation is at stake.

Better not refer to Billy Dianthus winning $20 for his 100 carnations, or John Rosa's getting that silver cup for twenty-five bridesmaids—it would only look as if you were sore. Be generous, my friend; put up a mantel or room decoration, "not for competition," just to show you are willing to help the cause, and there's no telling, they might award you a certificate to hang in your parlor. We would advise you to send for every society's schedule of prizes. These schedules are intensely instructing and are often remarkable for the vast amount of information they impart, but not in print.

The Convention.

Retailers attending the convention in New York next week will have an opportunity to see much of interest to them in a business way. They should visit the florists' stores on Broadway, Fifth and Madison avenues. They will be welcome and shown whatever they wish to see. The trade exhibit promises to be a good one; make a note of what is good and may be useful. You will no doubt see many fine things from private greenhouses which would be of great value to the store trade. You no doubt find that business is becoming more exacting every year, finer grade plants and flowers are demanded and whoever can control high-grade stock comes out on top. Visit a few of the principal plant and flower growers, if possible; there is much to see and learn among them. Just at present the retailer has little beyond prospects to deal with, and general election year is always a dreaded one; so far there is nothing in sight to indicate a panic of any kind.

The Coming Season.

The season may be much later, but it promises to be a good one. Carnations will be plentiful and in greater variety than ever. Many of the large growers have discarded chrysanthemums, but the smaller ones have taken them up; there will be the same glut. We are going to have more variety in roses; Liberty will no doubt be a great factor in next season's trade. Give new flowers a fair chance, but don't go by catalogue descriptions; size them up yourself, for whilst the introducer's idea of the fitness of plant or flower may be correct as he sees them, yet the man behind the counter is like the man behind the gun, and is best able to judge.

When to Open a Store.

We have been asked "What is the best time of the year to open a florist store, and how to judge a good location?" The season to open a store often depends on your resources and opportunity. If you can choose your own time, we would tell you the best time the present year is after election. The fall of the year is best as a rule for the reason that your chances to get sufficient trade to pay expenses are better in winter than in summer, and you ought to make enough during Christmas and Easter to tide you over the dullness of summer. The right location is often more important than finances. If you wish to start a business in a strange city it would be best for you to work there for a while and do your investigating quietly. The streets where the greatest throngs are seen are often not the best places for a florist's store; a good wide street or avenue near the residential section is safest; many times a store in the hotel or commercial locality succeeds best. You might as well go to the races with your money as open a store in a street you know nothing about. The florist's business is unlike any other in that respect, and requires more study in locating than experience in hybridizing or knowledge of botanical lore. Better work for a season near where you wish to start and utilize your spare moments in weighing up the chances.

Paint.

A store can be made attractive at very little cost. Spend your money in white paint rather than in shelves and useless stock. The value of a greenhouse or glassroofed end of the store cannot be overestimated, where it is intended to keep plants for sale or decorative purposes.

About Plants.

Stock of usable Adiantum Farleyense is limited again this year, and

there will be a big demand for it. Very few growers seem to be able to produce this finest of all the ferns; there's money in it for a good specialist near each of the large cities. We wonder why adiantums intended for store use are not grown in pans? Every window-dresser knows how hard it is to hide pots. Try some ferns in pans, all sizes; they come in handy for a hurry-up job, and are better for your window or general decorative work. You know how difficult it is to fix up a mantel board and such designs with pot stuff, whereas with small pans the plants need not be disturbed and the work can be done in one-fifth the time.

There will be a big demand for Boston ferns all through the season, and you needn't be in a hurry to get rid of your stock unless it is poor; same with hanging baskets or pans of Asparagus Sprengeri.

The demand for bay trees has fallen away considerably, as many know to their sorrow. There are two possible reasons; one is that topiary class of decorative material is unpopular in this country, the other that the price is too high. We feel sorry for those who tried to corner the market on this class of goods, or those who have lost in any investment in them, but we are pleased to note the increasing use of palms instead of bay trees for all manner of exterior and interior decorations; it means more demand for home-grown stock and more beautiful and beneficial effects.

Japanese maples of varieties such as A. atropurpureum dissectum and A. sanguineum in pots will come in very useful for decorations or window work during October and November; if you are not growing any in pots, try a few next year; they can be plunged out of doors and taken in before the frost cuts them.

You may notice that tubs or vases of Hydrangea Otaksa are very beautiful and quite plentiful at most of the summer resorts. They come in very handy for almost all classes of decorations, either cut or in tubs, which need not be so large.

There is nothing prettier out in the garden at present than Tamarix indica, the flower and foliage combine to make it splendid; try it on a mirror in connection with white, or use it in vase work with light colors.

Silk tasseled cords of small size and fine quality will probably be much used for bunches of violets the coming season.

IVERA.

MISCELLANEOUS SEASONABLE HINTS.

Roman Hyacinths.

The arrival of Roman hyacinths and lilies makes us think that the campaign has commenced again. Romans are less expensive than they were and are most useful. It is not fair to the bulbs to let them lay around in warm sheds. Box at once all that you will use up to New Year's. Those that are wanted later can be planted later. They should be unpacked, placed in flats not over three or four inches deep and covered with some perfectly dry soil or sand and kept in the coolest place you can find. I prefer moderate sized flats for forcing; 1 foot by 2 feet and 3 inches deep is a convenient size and will hold sixty bulbs.

Place the flats out of doors, give them a thorough soaking and then cover with three or four inches of soil or tan bark. This is all the covering they need till very hard freezing. Don't forget that during this month, September and perhaps October, we may get long dry spells, and it takes a heavy rain to penetrate the covering, and unless they are kept moist they will root very slowly. This applies particularly to those you want to bring in by the end of September or early in October. So in hot weather give the bed a soaking twice a week; remember they are in boxes and get no moisture from the ground.

I might mention here that I have seen Romans frozen severely after they had grown a few inches, and if allowed to thaw out very slowly they were not much the worse, but they are better never frozen.

Paper White Narcissus.

Handle the Paper White narcissus just the same as to planting and watering and care of those you want for later forcing. The Paper White should never be exposed to any frost. I believe in getting in these bulbs early; getting them well rooted and forcing slowly you can afford to do it, and they are much more satisfactory to the purchaser.

Lilies.

From most reliable sources I hear that the supply of Bermuda lilies is going to be short of the orders. If the quality is only good it will not be a calamity should the quantity be cut down. And the short supply is doubtless caused by the growers being more conscientious about the quality of bulbs. There is nothing gained by letting the bulbs lay around and get dry. If it is impossible to pot them, then lay them in flats and cover with sand or dry sphagnum.

There seems no difference in their growth whether the large bulbs are put first into four-inch and later shifted into six or seven inch or started at once in the flowering pot. The former plan certainly saves space and material. Before there is need of shifting into the larger pots the diseased growth has shown itself. We have done this with the seven to nine bulbs for the past three years, and have no reason to change. The five to seven we pot into five-inch at once, and those we want early we put at once on the benches and cover the surface with an inch of sphagnum, just to keep the soil from drying out so rapidly. The seven to nine that are wanted for Easter we place in frames and cover with an inch of straw for the same purpose as we placed sphagnum on those inside.

Easter is early next year, and the Japan longiflorum that will arrive later will want lots of forcing; but there are men who know how to do it. Your big Bermuda bulbs will do better in a frame for three months yet.

There seems to be one opinion now, and the right one, that changing the temperature when the lilies are advanced in growth is by no means desirable. When once placed in heat they want to be steadily kept there. We have frequently noticed that a lily taken out of 65 degrees and put into 50 degrees with the object of retarding has given it such a set-back that it scarcely opened up its buds at all in perfect shape. We will have more to say about this part of the business later.

Coleus.

While this warm weather is here you should select a few hundred cuttings of each of the desirable coleus and put them in flats of sand or your propagating bed. Before chilly weather comes they will be strong plants in three-inch pots and what you want for your stock. It's a good opportunity to start without mealy bugs, which are so troublesome to these heat-loving plants. Don't forget when putting in the cuttings that in every thousand you want 450 Verschaffeltii and 450 Golden Bedder; the other hundred whatever you like best.

Achillea The Pearl.

It is very noticeable now and for several weeks past what a splendid little flower for the commercial florist is Achillea The Pearl. It is well known, and if there are any florists without it they should plant a row of it this fall. Perfectly hardy and lasting long in flower, its small white clusters of flowers are most useful, and it has just the right stem for a cheap bunch of flowers. There are some other beautiful achilleas, fine plants for rockeries, some grand yellow species, but "The Pearl" is the florist's flower.

Bouvardias.

The last week of August is the most favorable time to lift and bench the



English Ivy on Trees.

bouvardia. It has been neglected since the great carnation rage, but it is a beautiful, graceful flower. They are a tropical plant and root after transplanting better in warm weather. If they need pinching, do it at once, so that they will be ready to make a young growth when lifted.

They want shade and constant syringing for the first few days after lifting, but when established want the fullest light and a temperature not lower than 60 degrees at any time. You can get one good crop by keeping them cool, but to be profitable they must be warm. They want lots of syringing at all times, for red spiders are very fond of them. A sandy loam is their soil.

Pelargoniums.

It is a long time since I have mentioned pelargoniums, simply because they have been out of my sight. We had to give them up, beautiful as they are, and grow what paid better. The end of this month is the best time to propagate. The old plants are best allowed to get rather on the dry side, and they should be cut down hard.

If you intend to keep the old plants to grow on, then cut down to within at least three or four inches of the soil. Water the old plants very sparingly, if any, for two or three weeks, when they will have broken out with many young growths on the stem. Then the soil can be shaken clean away, the roots pruned back and potted into a size smaller than they were growing in. The tops which were cut off root easily in the sand, either the terminal growth or the next few inches of growth below.

Peter Henderson said, "If I could grow only one kind of flower, it would be the Show Pelargonium." As a boy we also thought that a pelargonium six feet in diameter and as even as an umbrella, one mass of flowers, could not be beaten for beauty, but they want a good deal of growing, and people want them at the same price as a four-inch zonal geranium, so they don't pay. Early well-flowered plants for Easter is where they pay best for this purpose. The one-year-old cut-down plants are the thing.

Perennials.

The latter part of this month is a good time to sow seeds of all perennials. We did so last August, keeping the young seedlings, which were transplanted into flats, in cold frames during the winter, and very useful they were both for selling to our customers and planting in our own grounds. Any perennials can now be sown. Good florists' kinds are coreopsis, aquilegia, hollyhock, delphinium, gaillardia, campanula, etc. Sow antirrhinum; your customers like them in their mixed borders.

WILLIAM SCOTT.

ENGLISH IVY ON TREES.

I have been interested in the correspondence which has recently appeared in your pages about "English Ivy on Trees," and think the accompanying photograph may contain useful suggestions in this connection.

The use of evergreen ivy on large tree trunks, particularly on deciduous trees, is to be commended and may be safely practiced without fear of injury to any large tree unless, as has been suggested, the ivy should overrun the foliage of the tree, which is not very likely to occur.

It is often difficult to get ivy plants established at the root of a large tree and get it started to clinging to the bark, because of the lack of moisture in such positions. Make the soil very rich where the vines are planted and water liberally and wet the bark of the tree frequently and train the growing vines and secure them in position if necessary. A little encouragement of this kind for two or three seasons will be well repaid by the effective results produced after the plants are well established.

The two large buttonwood trees shown in the illustration, or sycamore as you call them in the west, have had their trunks clothed with this thick, rich covering of large leaved, evergreen ivy for at least fifty years, and it is not known how much longer. The trees and ivy are growing and flourishing, apparently enjoying each other's company in the most familiar congeniality. They are one of the most attractive features of the quiet little village of Falisington, Pa., especially while the trees are dormant, and their naked white branches stand out against the sky in striking contrast with the dense mass of verdure shrouding their trunks.

This is a very effective feature in landscape ornamentation which should be encouraged.

SAMUEL C. MOON.

Morrisville, Pa.

CULTIVATING FERNS ON BRICK.

Since nature is the giver of all that is beautiful, florists, perhaps, more than any other class of men may derive the greatest benefits by more closely observing and applying her laws. In many instances we fail to gain the best results from the skilled culture and scientific growing of plants, because it savors too much of the artificial and utterly disregards the natural. Especially is this true in the cultivation of ferns, which the increasing demand of late years has made it necessary to devise a means of propagation in a manner that will insure the best development by the most practical methods.

A true lover of nature and close observer, wandering in the dense forests of a mountainous country, finds the most delicate varieties of ferns

growing and flourishing in the crevices of rocks. Contrary to this, in the forests of a low, flat country abounding in decayed wood, we find ferns of a stronger, coarser variety luxuriantly developed.

In the solid brick walls of the old-fashioned, half-span greenhouses of European countries, where the mortar has fallen out, I have found the finest variety of the adiantum family growing. This fact, coupled with the close resemblance to the porous nature of rock, confirmed my belief that the cultivation of ferns on brick would be both possible and practical.

After several successful trials I submit this article, in which I will endeavor to give a lucid explanation of the methods which I have found practical in this particular mode of cultivation, with the hope that it may prove of interest to some of your readers.

Take a galvanized iron or tin pan 50 inches long, 10 inches wide and 1 inch deep. Thoroughly cleanse one dozen common brick, 8x4x2, and place in pan. Cover them entirely with a thin layer of soil procured from the decayed trunks of hardwood trees, sifted through a fine wire sieve. Sow the seeds very thinly on top of this and fill pan with rainwater. I am particular about the water, since hard water contains mineral matter which would close pores of brick. Place pan on the north side of a rose or palm house, close to a wall, and entirely enclose with glass plates set on an incline. Keep the pan constantly filled with water, in the shade, in a temperature of 60 to 70 degrees.

In closing my article I wish to call the attention of busy florists especially to two points: Dirt cannot be swept off by syringing, nor plants damaged by overwatering. Plants grown in this thin layer of soil can be easily and readily peeled off and removed without injury to roots. I have found the adiantum family especially adapted to this manner of growing.

C. M. H.

FRITZ RECREATES

Shaumburg, August 12, 1900.

Tear Frient: No doubt dot you dought py dis dime I vas shofing glouds mit de anchels or keeping de fire hot in de oder blace, not hafing heart from me for such a long dime. Bropably dis woult haf been de gase hat I kept on mit my exberimendations, but I hat to let up for a vile as my gonstitution needed a liddle regreation, und so I hied myself to a bleasure "retort." Some beople call it bleasure resort, but "retort" is nearer right, as de heat at dis blace was worser dan a hot night in a rolling mill.

I hat some opjects in view in going to dis retort, as I could gombine bissness mit bleasure to a cerdain eggsdent, because one off my gustomers for whom I hat mate some wetting decorations was sizzling at dis blace during de heated term. So I packed up my garpet bags mit some new shirt waists und duck drousers und oder dings wich are necessary on such a drip und skipped oud, away from bissness worry an gare. I arrifed at de blace in goot time, und after arraying myself in some off my new splentor went oud to see de sights und incidentaily to see dat gustomer off mine who hat gifen me de go-by for a huntert-dollar decorations. I hat not broceedet very far wen some pody soaked me on de pack und sait: "Hello! Mr. Blumenschneider! How are you? Wen dit you arrife? You are chust de man I want to see. I was chust now on my way to de bost office to mail you dis check for de work you mate for my wettings, but now dat you are here I may as well give it to you in berson." Und mit dose words he hantet me de money.

I was almost ofergome mit choy at my great luck, und to show dat I abbreciated his kindness I asked him und his frients to choin me at dinner dat efening, too wich dey all agreet. So I went back to de hotel und mate arranchments mit de manacher for a nice spreat. I left it all to him, saying dat I hat not much exberience in madders off dis kint, und hoped he would do dings up in nice shape, wich he certainly did. Nefer in all my life did I exbect to see anyding like it. We hat eferyding in und out off season—soft-shell grabs and hart-shell grabs, lopsters und derrapins, ganvas-pack duck und reet birts, wine by de basket full, ices und icecicles und ice gream.

Wen I saw wat I was up against I was almost scaredet to deat; in fact, I lost my appetite dinking off de pill wich I would haf to bay. Well, I tried to ofergome my emodions de pest I coult und tried to keep up my gourage und make my guests dink dot I was used to dese liddle affairs; I dried to imbress dem mit de idee dot dese liddle imbromdu dinner barties were an effery day oggurence mit me. I don't know how well I sugseeded, but it seemed to me dat all drough de dinner dere was a sort off subbressed shmiling und shnickering on de bart of my gompany, exbeccially wen I mate de misdake off putting sugar in de bullion, dinking it was tea, as I nefer drank soup out off a cup in my life before.

Weil, all dings come to him who waits, und I did not haf to wait long for my pill. Wen der manacher handet me my pill for de dinner you could haf knocked me ofer mit a straw. I was lucky dot I hat a redurn ticket for Shaumburg or I woult haf walked home. Nefer again will I try to gombine bissness mit bleasure; once was enough for me, und de next time I ask anybody to choin me at dinner it will be a gaution.

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Considerable progress has been made in what are termed florists' flowers—Dahlias, Roses, Violas, Carnations, Gladioli, Narcissi, &c.—and these plants today are vastly different from those of the time of the first publication of the "Dictionary of Gardening;" and life histories of insects and mites, as well as of parasitic fungi, have been so accurately worked out by entomologists and plant-pathologists that the methods of dealing with foes generally have been considerably improved upon.

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Partial View of the Nurseries.

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This unique, extensive and ever growing establishment is just what its name implies, for here you will find the whole Universe represented with the best it produces in everything connected with horticulture.

Only a short, pleasant ride on trolley or train from the Jersey ferries and we reach the Oranges, which is justly acknowledged to be the most picturesque and healthiest section of country near to the great city of New York. Here in the midst of finest residences, and within a stone's throw of the South Orange railroad depot, Mr. W. A. Manda's great nurseries stretch out at the foot of the famous Orange Mountains, and this home of all that is brightest and sweetest in plants and flowers has become a gathering place for buyers, connoisseurs and the flower loving public.

It is unnecessary to mention Mr. Manda's experience and ability to the trade, it was known long before he gathered and grew the largest and finest collection of plants ever seen in America. This was while he was a member of the firm of Pitcher & Manda, at Short Hills, a few stations above his present place. Six years ago he purchased some of the land he now occupies and with energy, ability, spurred on by ambition, he has succeeded in transforming the then dismal waste into a garden-like park overflowing with all the choicest forms of vegetation.

The practical and the ideal is shown in the general plan and grouping of trees, shrubs and flowers, and unlike the ordinary method of cultivation as practiced in nurseries, here whilst the different and numerous species of plants are kept separate they are so arranged as to show their specific and individual beauty and worth, and yet all go to enhance the general plan. It is not a mere manufactory of plants, on all sides there are object lessons in planting and adaptability.

The grounds contain a complete collection of herbaceous plants; all the best known varieties and very many worthy kinds not commonly seen are grown in great numbers to supply the increasing demand for this class of plants. A great many new things are being tested and experimented with on the always interesting trial grounds. Amongst these we might mention a new variegated leaved sunflower; it is of stately habit and will be a great acquisition to sub-tropical bedding plants.

There is also a batch of hybrid monarda, varying in color from a pale mauve to deep purple; a new golden yellow Iris aurea; a collection of 50 varieties of newest and choicest Japanese iris; Phlox "Tom Thumb," the best and dwarfest of all this class of phlox in cultivation; Iberis sempervirens superba, which is a grand improvement on the old type, the flower being double the size, good substance and the purest white; this will be of the utmost value and importance to florists doing a local trade. There are a number of other fine new hardy flowers which are being prepared for dissemination next season. The majority of all the favorite herbaceous flowers are grown here by the thousands to supply the growing fad for old fashioned gardens and general landscape work.

Special interest is also given here to conifers, which are represented by over three hundred species and varieties, many magnificent pyramids of everlasting gold and green are in this splendid collection of coniferous shrubs; varieties such as Cupressus Lawsoniana and Thuyopsis borealis,

growing and flourishing in the crevices of rocks. Contrary to this, in the forests of a low, flat country abounding in decayed wood, we find ferns of a stronger, coarser variety luxuriantly developed.

In the solid brick walls of the old-fashioned, half-span greenhouses of European countries, where the mortar has fallen out, I have found the finest variety of the adiantum family growing. This fact, coupled with the close resemblance to the porous nature of rock, confirmed my belief that the cultivation of ferns on brick would be both possible and practical.

After several successful trials I submit this article, in which I will endeavor to give a lucid explanation of the methods which I have found practical in this particular mode of cultivation, with the hope that it may prove of interest to some of your readers.

Take a galvanized iron or tin pan 50 inches long, 10 inches wide and 1 inch deep. Thoroughly cleanse one dozen common brick, 8x4x2, and place in pan. Cover them entirely with a thin layer of soil procured from the decayed trunks of hardwood trees, sifted through a fine wire sieve. Sow the seeds very thinly on top of this and fill pan with rainwater. I am particular about the water, since hard water contains mineral matter which would close pores of brick. Place pan on the north side of a rose or palm house, close to a wall, and entirely enclose with glass plates set on an incline. Keep the pan constantly filled with water, in the shade, in a temperature of 60 to 70 degrees.

In closing my article I wish to call the attention of busy florists especially to two points: Dirt cannot be swept off by syringing, nor plants damaged by overwatering. Plants grown in this thin layer of soil can be easily and readily peeled off and removed without injury to roots. I have found the adiantum family especially adapted to this manner of growing.

C. M. H.

FRITZ RECREATES.

Shaumburg, August 12, 1900.

Tear Frient: No doubt dot you dought py dis dime I vas shofing glouds mit de anchels or keeping de fire hot in de oder blace, not hafing heart from me for such a long dime. Bropably dis woult haf been de gase hat I kept on mit my exberimendations, but I hat to let up for a vile as my gonstitution needed a liddle regreation, und so I hied myself to a bleasure "retort." Some beople call it bleasure resort, but "retort" is nearer right, as de heat at dis blace was worser dan a hot night in a rolling mill.

I hat some opjects in view in going to dis retort, as I could gombine bissness mit bleasure to a certain eggsdent, because one off my gustomers for whom I hat mate some wetting decorations was sizzling at dis blace during de heated term. So I packed up my garpet bags mit some new shirt waists und duck drousers und oder dings wich are necessary on such a drip und skipped oud, away from bissness worry an gare. I arrifed at de blace in goot time, und after arraying myself in some off my new splentor went oud to see de sights und incidentally to see dat gustomer off mine who hat gifen me de go-by for a huntert-dollar decorations. I hat not broceedet very far wen some pody soaked me on de pack und sait: "Hello! Mr. Blumenschneider! How are you? Wen dit you arrife? You are chust de man I want to see. I was chust now on my way to de bost office to mail you dis check for de work you mate for my wettings, but now dat you are here I may as well give it to you in berson." Und mit dose words he hantet me de money.

I was almost ofergome mit choy at my great luck, und to show dat I abbreciated his kindness I asked him und his frients to choin me at dinner dat efening, too wich dey all agreet. So I went back to de hotel und mate arranchments mit de manacher for a nice spreat. I left it all to him, saying dat I hat not much exberience in madders off dis kint, und hoped he would do dings up in nice shape, wich he certainly did. Nefer in all my life did I exbect to see anyding like it. We hat eferyding in und out off season—soft-shell grabs and hart-shell grabs, lopsters und derrapins, ganvas-pack duck und reet birts, wine by de basket full, ices und icecicles und ice gream.

Wen I saw wat I was up against I was almost scaredet to deat; in fact, I lost my appetite dinking off de pill wich I would haf to bay. Well, I tried to ofergome my emodions de pest I coult und tried to keep up my gourage und make my guests dink dot I was used to dese liddle affairs; I dried to imbress dem mit de idee dot dese liddle imbromdu dinner barties were an effery day oggurence mit me. I don't know how well I sugseeded, but it seemed to me dat all drough de dinner dere was a sort off subbressed shmiling und shnickering on de bart of my gompany, exbeccially wen I mate de misdake off putting sugar in de bullion, dinking it was tea, as I nefer drank soup out off a cup in my life before.

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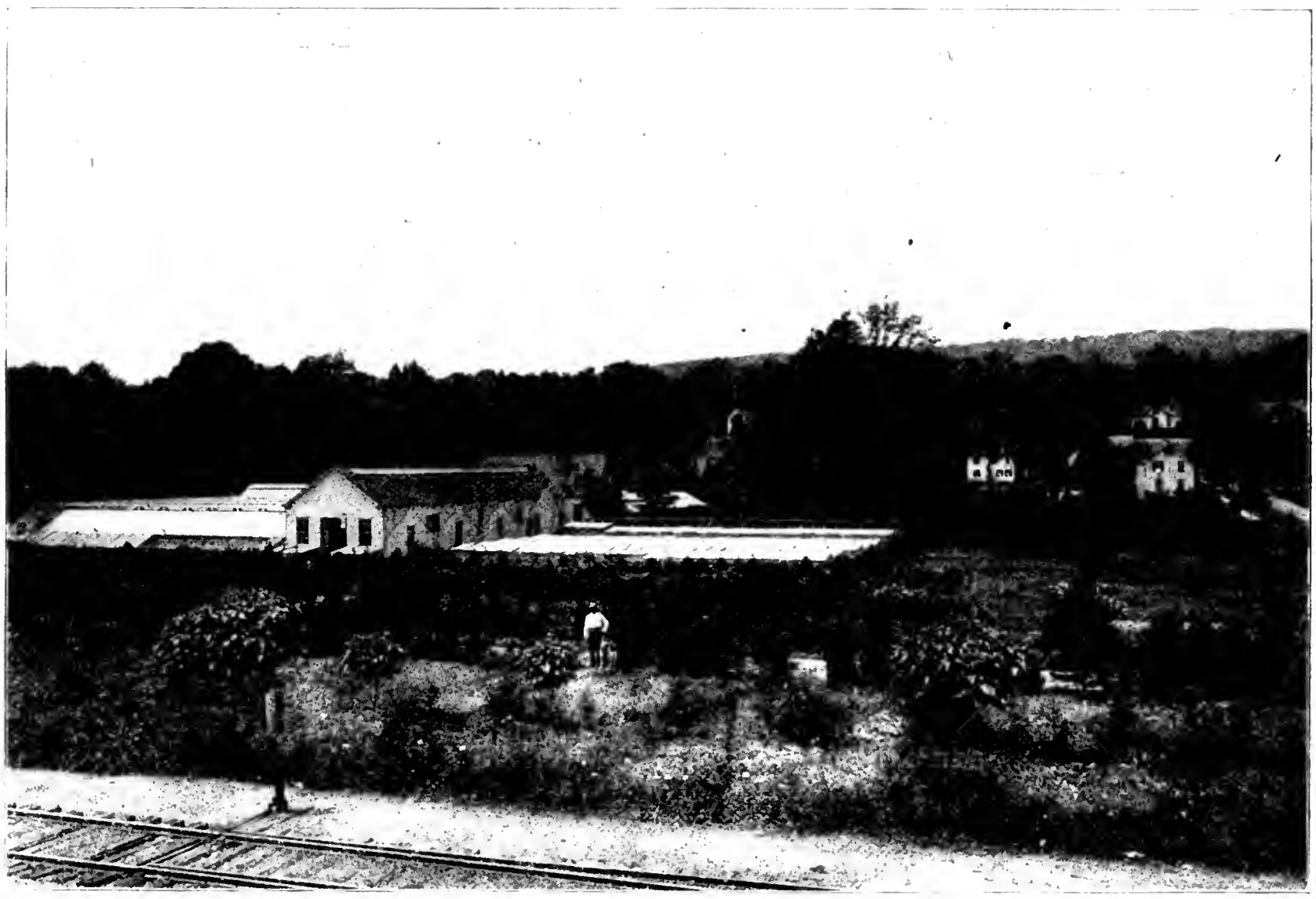
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The grounds contain a complete collection of herbaceous plants; all the best known varieties and very many worthy kinds not commonly seen are grown in great numbers to supply the increasing demand for this class of plants. A great many new things are being tested and experimented with on the always interesting trial grounds. Amongst these we might mention a new variegated leaved sunflower; it is of stately habit and will be a great acquisition to sub-tropical bedding plants.

There is also a batch of hybrid monarda, varying in color from a pale mauve to deep purple; a new golden yellow Iris aurea; a collection of 50 varieties of newest and choicest Japanese iris; Phlox "Tom Thumb," the best and dwarfest of all this class of phlox in cultivation; Iberis sempervirens superba, which is a grand improvement on the old type, the flower being double the size, good substance and the purest white; this will be of the utmost value and importance to florists doing a local trade. There are a number of other fine new hardy flowers which are being prepared for dissemination next season. The majority of all the favorite herbaceous flowers are grown here by the thousands to supply the growing fad for old fashioned gardens and general landscape work.

Special interest is also given here to conifers, which are represented by over three hundred species and varieties, many magnificent pyramids of everlasting gold and green are in this splendid collection of coniferous shrubs; varieties such as Cupressus Lawsoniana and Thuyopsis borealis,

etc., commonly considered half-hardy in this climate, have here withstood the severest of winters and are all in perfect condition.

The soil seems to be especially suitable for producing fine fibrous roots which is essential for the successful transplanting of this most important class of garden ornaments. Specimens unique, grand, in all sizes and in quantity are here. Those seeking large and rare evergreens, specimens up to 16 ft. high, should see the avenues of them at Mr. Manda's nurseries. We have never seen better colored firs than his; some of his blue piceas are remarkable and incomparable.

In flowering shrubs and trees the collection here is large and complete, containing all sizes used and all varieties known in cultivation. Fancy foliage trees and shrubs are made a specialty and are grown in large quantities. A large group of some fifty varieties of Japanese maples are a pretty feature; there are a great many grown in pots ready for shipment any time of the year; they would be splendid to use in decorations along with chrysanthemums later on.

Thousands of rhododendrons in all sizes, kalmias, enonymus, andromedas, azaleas and such like plants are grown for the extensive park and general landscape trade. Among the new and novel evergreens here an especially noteworthy group is that of a new evergreen privet which has a profusion of dark green, shiny, leathery foliage, perfectly hardy, retains its foliage and is otherwise very characteristic, also Pachysandra terminalis, a dwarf evergreen plant, a grand substitute for lawns where grass refuses to grow.

Now as to roses, this place does not pretend to be classed as a rose establishment as it is generally classed, yet it has raised and disseminated more new roses, and as large a quantity of plants of this description, as any establishment can boast of. This is in reference to the hybrid Wichuraiana roses which have been sent out from here, and which are well known to the trade and the public in general. For their hardiness, freedom of growth, luxuriance of foliage and beauty and profusion of flowers there is no class of plants that deserves to be as extensively or generally grown as these roses. There are many thousands of them grown in all sizes from 2-inch pot stock up to large specimen plants three and four years old of all the varieties now on the market, such as Jersey Beauty, Gardenia, Evergreen Gem, Manda's Triumph, South Orange Perfection, Universal Favorite and Pink Roamer.

There is a large number of seedling roses, one of which, Pink Pearl (described and illustrated in a recent issue of the Review), was the floral sensation of last spring. It was exhibited at the American Rose Society's show in June, and was certificated by that society, and also by the New York Florists' Club. It will be disseminated next spring, as will also the Improved Pink Roamer, which is a wonderful improvement on the old type. There are hundreds of seedlings in different stages of development and processes of trial. Many of them are ever-blooming and promise to be grand acquisitions to the climbing and bedding classes of roses. New roses have made the Universal Horticultural Establishment famous for several years past.

The quality of stock and the great lasting beauty of the varieties introduced by Mr. Manda are well known and appreciated by all classes, as is evidenced by large orders and the general use these roses have been put to. The private gardens in every section of the country are resplendent with them, and especially around this locality they can be seen forming the prettiest of hedges and arbors, or creeping on sand dunes or in shade where grass refuses to grow. One of the prettiest sights we ever saw was Manda's new roses growing around apple tree stumps in Dr. Mandeville's garden last June. Their value in landscape or cemetery work cannot be overestimated. A general stock of hybrid perpetuals, teas, hybrid teas, climbers and many of the old favorite roses of the bygone days are also grown.

The greenhouses, twenty in number, contain the most complete collection of stove and greenhouse plants in the country. Naturally in this place everyone will look for orchids, and in this they will not be disappointed for over twenty thousand plants are continually kept in stock and added to from time to time by direct importations from tropical countries. The collection of cypripediums is as complete as it can be, with numbers of seedlings in various stages. Cattleyas are grown here in large batches, consisting of all the leading kinds such as labiata, Trianae, Gigas and others which are sold in quantity to florists for cut flower purposes. There is never a day in the year that there are not some orchid blooms here.

Natural culture being adopted, the orchids flower with the least possible care, and being mostly grown in specially constructed and novel baskets which they fairly revel in, they are suspended from the roofs and do not interfere with the space beneath devoted to the culture of palms, ferns, foliage and flowering plants of every description. Besides cypripediums and cattleyas, Laelias are also grown in large quantities. You will find here, perhaps, the largest stock and the finest varieties of the rare natural hybrid Laelia elegans, which is one of the prides of the establishment. Oncidium varicosum, odontoglossums, coelogynes, dendrobiums, and in fact all the South American and East Indian orchids are here in profusion and in first-class condition.

Palms are grown by the hundreds and thousands in all the leading commercial sorts, such as kentias, arecas, etc.; they are all cool grown so as to produce good sturdy growth which always gives satisfaction to the customer. As to size, they vary from 2-inch newly potted plants grown from seed to specimens fifteen to eighteen feet in height, including many grand and celebrated specimens. Here can be seen the first Kentia Belmoreana and Phoenix rupicola ever imported into this country, and perhaps the largest Rhapis flabelliformis in cultivation, and also the celebrated George Washington palm, a venerable old trunk of Cycas revoluta which once was in the collection of plants owned by the first President of the United States. There are numerous other large specimens of arecas, latanias, cocos, phoenix, cycads and other like decorative plants. Several thousands of finely grown commercial sizes of Kentias Belmoreana and Forsteriana, Cocos Weddelliana, Areca lutescens, Pandanus utilis and Veitchii are ready for delivery.

Ferns for private collections or for general use are extensively grown here. They are in all sizes from the smallest seedling to the great old tree ferns, several hundred years old. The several houses specially devoted to florists' ferns in 2, 3, 4 and 6-inch pots would delight the hearts of the most critical and exacting fern-disher. We would draw special attention to Mr. Manda's ferns and foliage plants specially grown for fern pans and jardinieres; every desirable thing is here in abundance and they are so staged in blocks in several houses that one adds to the value of the other, and no man with any kind of store trade can see them without wanting to purchase.

Mr. Manda is introducing several of the most highly colored and prettiest forms of dwarf foliage plants for use in dishes intended for table decoration, and there can be no doubt as to their popularity the coming season. There are several thousand Adiantum cuneatum in all sizes, a splendid lot of Boston ferns. And a fern sure to be popular is the dwarf Adiantum capillus-veneris imbricata, of which he has a fine lot; it is one of the best things out for mixed ferneries.

Coming to foliage plants, there are numerous varieties, including all the standard sorts such as crotons, marantas, fancy leaved caladiums, bertolonias and hundreds of other beauties in all sizes from the show specimen to the small plants intended for brightening fern dishes or hanging baskets. The display of fancy colored dracaenas alone is well worth going to see, for there are not only immense quantities of them, benches of this kind or the other; but the high color and beauty of form is sufficient to delight every lover of plants. D. terminalis is grown here to perfection and as such is considered one of the most beautiful of colored foliage plants.

There are now in process of trial about fourteen hybrid seedling dracaenas, which are sure to create a



View of Mr. Manda's Residence.

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sensation when put on the market; they are large growing plants, combining the character and the richest color of the class, and will fill the long felt want for large highly colored foliage plants; the markings and shadings of this particular set of seedlings are magnificent—claret, plum, chocolate, bronze, and all the shades from cream to green are combined in some. Plant experts who have seen them pronounced them superb.

Several very beautiful new varieties of Rex begonias are to be sent out next spring, and besides these there are all the other sorts to select from. It would require a whole paper to describe the thousand and one different beauties to be seen here. The desirable flowering plants alone are in legions and they are of the newest and the oldest of the old-fashioned kinds, such as Aphelandra Roezlii, fine scarlet flowers which can easily be had for Christmas; aeschinanthus, achimines, genistas, gesneras, gardenias, stephanotis, etc., etc.

The houses are arranged in two separate groups. They are heated by Weathered boilers, 2-inch pipes, and natural pressure system. A great feature is that all the houses are open one into the other, giving perfect circulation between and above the benches which is conducive to clean and healthy growth. Large numbers of frames are also used which give shelter and hardy growth to young palms, ferns and other such plants during the summer, and in winter to roses and other hardy stock that is needed for early shipment. Every inch of space is utilized in the most advantageous and economical way.

The main object seems to have been to arrange everything to show to best advantage and create favorable impressions on all visitors. Even the boiler room and entrance to same, which is generally an eye-sore on a florist's place, is here made a beautiful cave with logs and rocks artistically piled up and planted with a choice assortment of mosses and ferns, among the latter being some fine plants of the rare Todea superba, one of the finest ferns in existence.

From the original plot of four acres the place has grown to an establishment of over twenty acres, with a frontage on several of the principal public drives. The shipping facilities are unexcelled, as the freight cars are stationed across the road any order can be sent at the shortest notice. On several acres of newly acquired land on one side of which runs the trolley line from Newark to Maplewood, and on the other the South Orange depot of the D., L. & W. R. R., there are splendid opportunities to display nursery stock. The east branch of the Rahway River, which runs through and adds picturesque beauty to the place, is being made use of by throwing across it rustic bridges and planting along its banks suitable flowers.

As we have stated elsewhere, Mr. Manda is gradually developing into shape what will be one of the finest located and charmingly planned places in the country. All is done which tends to make a nursery attractive and instructive to visiting horticulturists and amateurs. There are many fine old trees on the place which add to its beauty and shelter many tender plants in the days of severity. A well appointed and cosy office stands near the greenhouses and here also are the immense seed and bulb sheds which are often filled to overflowing as required to furnish the large trade in that line, and opening from the rear of the office is a house everyone wants to visit. Here are all the new gems—the novelties on trial and for distribution next season.

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The soil seems to be especially suitable for producing fine fibrous roots which is essential for the successful transplanting of this most important class of garden ornaments. Specimens unique, grand, in all sizes and in quantity are here. Those seeking large and rare evergreens, specimens up to 16 ft. high, should see the avenues of them at Mr. Manda's nurseries. We have never seen better colored firs than his; some of his blue piceas are remarkable and incomparable.

In flowering shrubs and trees the collection here is large and complete, containing all sizes used and all varieties known in cultivation. Fancy foliage trees and shrubs are made a specialty and are grown in large quantities. A large group of some fifty varieties of Japanese maples are a pretty feature; there are a great many grown in pots ready for shipment any time of the year; they would be splendid to use in decorations along with chrysanthemums later on.

Thousands of rhododendrons in all sizes, kalmias, euonymus, andromedas, azaleas and such like plants are grown for the extensive park and general landscape trade. Among the new and novel evergreens here an especially noteworthy group is that of a new evergreen privet which has a profusion of dark green, shiny, leathery foliage, perfectly hardy, retains its foliage and is otherwise very characteristic, also Pachysandra terminalis, a dwarf evergreen plant, a grand substitute for lawns where grass refuses to grow.

Now as to roses, this place does not pretend to be classed as a rose establishment as it is generally classed, yet it has raised and disseminated more new roses, and as large a quantity of plants of this description, as any establishment can boast of. This is in reference to the hybrid Wichuraiana roses which have been sent out from here, and which are well known to the trade and the public in general. For their hardiness, freedom of growth, luxuriance of foliage and beauty and profusion of flowers there is no class of plants that deserves to be as extensively or generally grown as these roses. There are many thousands of them grown in all sizes from 2-inch pot stock up to large specimen plants three and four years old of all the varieties now on the market, such as Jersey Beauty, Gardenia, Evergreen Gem, Manda's Triumph, South Orange Perfection, Universal Favorite and Pink Roamer.

There is a large number of seedling roses, one of which, Pink Pearl (described and illustrated in a recent issue of the Review), was the floral sensation of last spring. It was exhibited at the American Rose Society's show in June, and was certificated by that society, and also by the New York Florists' Club. It will be disseminated next spring, as will also the Improved Pink Roamer, which is a wonderful improvement on the old type. There are hundreds of seedlings in different stages of development and processes of trial. Many of them are ever-blooming and promise to be grand acquisitions to the climbing and bedding classes of roses. New roses have made the Universal Horticultural Establishment famous for several years past.

The quality of stock and the great lasting beauty of the varieties introduced by Mr. Manda are well known and appreciated by all classes, as is evidenced by large orders and the general use these roses have been put to. The private gardens in every section of the country are resplendent with them, and especially around this locality they can be seen forming the prettiest of hedges and arbors, or creeping on sand dunes or in shade where grass refuses to grow. One of the prettiest sights we ever saw was Manda's new roses growing around apple tree stumps in Dr. Mandeville's garden last June. Their value in landscape or cemetery work cannot be overestimated. A general stock of hybrid perpetuals, teas, hybrid teas, climbers and many of the old favorite roses of the bygone days are also grown.

The greenhouses, twenty in number, contain the most complete collection of stove and greenhouse plants in the country. Naturally in this place everyone will look for orchids, and in this they will not be disappointed for over twenty thousand plants are continually kept in stock and added to from time to time by direct importations from tropical countries. The collection of cypripediums is as complete as it can be, with numbers of seedlings in various stages. Cattleyas are grown here in large batches, consisting of all the leading kinds such as labiata, Trianae, Gigas and others which are sold in quantity to florists for cut flower purposes. There is never a day in the year that there are not some orchid blooms here.

Natural culture being adopted, the orchids flower with the least possible care, and being mostly grown in specially constructed and novel baskets, which they fairly revel in, they are suspended from the roofs and do not interfere with the space beneath devoted to the culture of palms, ferns, foliage and flowering plants of every description. Besides cypripediums and cattleyas, Laelias are also grown in large quantities. You will find here, perhaps, the largest stock and the finest varieties of the rare natural hybrid Laelia elegans, which is one of the prides of the establishment. Oncidium varicosum, odontoglossums, coelogynes, dendrobiums, and in fact all the South American and East Indian orchids are here in profusion and in first-class condition.

Palms are grown by the hundreds and thousands in all the leading commercial sorts, such as kentias, arecas, etc.; they are all cool grown so as to produce good sturdy growth which always gives satisfaction to the customer. As to size, they vary from 2-inch newly potted plants grown from seed to specimens fifteen to eighteen feet in height, including many grand and celebrated specimens. Here can be seen the first Kentia Belmoreana and Phoenix rupicola ever imported into this country, and perhaps the largest Rhapis flabelliformis in cultivation, and also the celebrated George Washington palm, a venerable old trunk of Cycas revoluta which once was in the collection of plants owned by the first President of the United States. There are numerous other large specimens of arecas, latanias, cocos, phoenix, cycads and other like decorative plants. Several thousands of finely grown commercial sizes of Kentias Belmoreana and Forsteriana, Cocos Weddelliana, Areca lutescens, Pandanus utilis and Veitchii are ready for delivery.

Ferns for private collections or for general use are extensively grown here. They are in all sizes from the smallest seedling to the great old tree ferns, several hundred years old. The several houses specially devoted to florists' ferns in 2, 3, 4 and 6-inch pots would delight the hearts of the most critical and exacting fern-disher. We would draw special attention to Mr. Manda's ferns and foliage plants specially grown for fern pans and jardinieres; every desirable thing is here in abundance and they are so staged in blocks in several houses that one adds to the value of the other, and no man with any kind of store trade can see them without wanting to purchase.

Mr. Manda is introducing several of the most highly colored and prettiest forms of dwarf foliage plants for use in dishes intended for table decoration, and there can be no doubt as to their popularity the coming season. There are several thousand Adiantum cuneatum in all sizes, a splendid lot of Boston ferns. And a fern sure to be popular is the dwarf Adiantum capillus-veneris imbricata, of which he has a fine lot; it is one of the best things out for mixed ferneries.

Coming to foliage plants, there are numerous varieties, including all the standard sorts such as crotons, marantas, fancy leaved caladiums, bertolonias and hundreds of other beauties in all sizes from the show specimen to the small plants intended for brightening fern dishes or hanging baskets. The display of fancy colored dracaenas alone is well worth going to see, for there are not only immense quantities of them, benches of this kind or the other, but the high color and beauty of form is sufficient to delight every lover of plants. D. terminalis is grown here to perfection and as such is considered one of the most beautiful of colored foliage plants.

There are now in process of trial about fourteen hybrid seedling dracaenas, which are sure to create a



View of Mr. Manda's Residence.

THE UNIVERSAL HORTICULTURAL ESTABLISHMENT, SOUTH ORANGE, N. J.

sensation when put on the market; they are large growing plants, combining the character and the richest color of the class, and will fill the long felt want for large highly colored foliage plants; the markings and shadings of this particular set of seedlings are magnificent—claret, plum, chocolate, bronze, and all the shades from cream to green are combined in some. Plant experts who have seen them pronounced them superb.

Several very beautiful new varieties of Rex begonias are to be sent out next spring, and besides these there are all the other sorts to select from. It would require a whole paper to describe the thousand and one different beauties to be seen here. The desirable flowering plants alone are in legions and they are of the newest and the oldest of the old-fashioned kinds, such as Aphelandra Roezlii, fine scarlet flowers which can easily be had for Christmas; aeschinanthus, achimines, genistas, gesneras, gardenias, stephanotis, etc., etc.

The houses are arranged in two separate groups. They are heated by Weathered boilers, 2-inch pipes, and natural pressure system. A great feature is that all the houses are open one into the other, giving perfect circulation between and above the benches which is conducive to clean and healthy growth. Large numbers of frames are also used which give shelter and hardy growth to young palms, ferns and other such plants during the summer, and in winter to roses and other hardy stock that is needed for early shipment. Every inch of space is utilized in the most advantageous and economical way.

The main object seems to have been to arrange everything to show to best advantage and create favorable impressions on all visitors. Even the boiler room and entrance to same, which is generally an eye-sore on a florist's place, is here made a beautiful cave with logs and rocks artistically piled up and planted with a choice assortment of mosses and ferns, among the latter being some fine plants of the rare Todea superba, one of the finest ferns in existence.

From the original plot of four acres the place has grown to an establishment of over twenty acres, with a frontage on several of the principal public drives. The shipping facilities are unexcelled, as the freight cars are stationed across the road any order can be sent at the shortest notice. On several acres of newly acquired land on one side of which runs the trolley line from Newark to Maplewood, and on the other the South Orange depot of the D., L. & W. R. R., there are splendid opportunities to display nursery stock. The east branch of the Rahway River, which runs through and adds picturesque beauty to the place, is being made use of by throwing across it rustic bridges and planting along its banks suitable flowers.

As we have stated elsewhere, Mr. Manda is gradually developing into shape what will be one of the finest located and charmingly planned places in the country. All is done which tends to make a nursery attractive and instructive to visiting horticulturists and amateurs. There are many fine old trees on the place which add to its beauty and shelter many tender plants in the days of severity. A well appointed and cosy office stands near the greenhouses and here also are the immense seed and bulb sheds which are often filled to overflowing as required to furnish the large trade in that line, and opening from the rear of the office is a house everyone wants to visit. Here are all the new gems—the novelties on trial and for distribution next season.

Last but not least is Mr. Manda's

private residence, which is surrounded by about one acre of land on the corner of Valley and Third streets, across the road from the nurseries. In the garden are some beautiful old specimen trees which give shade and shelter to plants—the place is considered the finest horticultural show place in the Oranges. Most of the large specimen palms and decorative plants are arranged here singly and in groups. On the piazza are large well grown specimens of hydrangeas with asparagus hung in baskets or rustic boxes. On these grounds are also choice boxwood and rhododendrons six to eight feet in height, and many fine evergreens which border and hide from view the teeming vegetable garden, a useful adjunct to any home. The doors of the old-fashioned but comfortable house are always open, and no visitor to this establishment can say they ever left South Orange either hungry or thirsty.

You cannot go there, however, without shaking the paw of the dearest of creatures, Mr. Manda's pet dog Cyp (Cypripedium); he is a lovable fellow and if needs be will direct you from the house to the greenhouses, but he jealously guards his master and never barks or growls at a horticulturist.

There are many things in which this place commends itself to all classes of buyers, be they private gardener, landscape expert or florist. They are sure to get all they need there. If you want to stock a conservatory, a new plant house, get a supply of ferns or plants for your store, pick up novelties for catalogue, or procure new and rare things for your house or window, plant an estate, or furnish up a garden with the newest and best, or the oldest and grandest, you can do it all here in this one place.

A short time only from Christopher or Barclay street ferries on the D., L. & W. R. R., or by trolley from Newark, you can see many beautiful things and learn much. Don't leave New York without visiting the Universal Horticultural Establishment at South Orange, N. J.

THE COTTAGE GARDENS, QUEENS, L. I.

Florists and gardeners visiting New York for the convention cannot do better than visit the establishment made famous by C. W. Ward's grand carnations. Queens is easily reached by train or trolley from the convention hall, and if you are interested in carnation culture you will see and learn more by your visit to this place than attending a dozen meetings or wading through volumes of literature. We visited there but yesterday and were pleased with all we saw. No place is in finer trim and the condition of stock is superb.

The grounds comprise 100 acres of picturesque land, and there are 21 model plant houses. Most of you have read of and seen the products of this establishment, but you must visit there to get a full idea of how they are produced. Most of the houses are already planted with the leading varieties of carnations. Gov. Roosevelt, the new one to be sent out from here next spring, looks splendid. There is not a speck of disease or stunted growth visible in the many thousands of plants growing. There are several houses of seedling carnations in course of trial, and many surprises are in store for lovers of the Divine flower.

All the carnations are grown on benches specially constructed for subirrigation and if you don't know anything about that system, or are in any way doubtful of it, go and see what it is doing at the Cottage Gardens; there is no mistaking the fact that it is the method of the future and will not be confined to carnation culture. There are several acres of carnations out of doors, over 100,000 plants, every one a specimen of healthy, high grade culture.

There is no disputing the fact that Mr. Ward is growing the largest collection of geraniums in the world. All the newest varieties from Europe as well as those from all over America are growing here; there are several acres of them planted outdoors, and two large houses are devoted to their continual propagation and indoor culture. As to varieties, there are hundreds of them, and they are revelations in size and color. These geraniums, which are now in full glow of irridescent coloring, are well worth a longer journey to see. Catalogue men, growers for plant markets, private gardeners, and all interested in the geranium should take advantage of this opportunity.

There are also all the newest in flowering begonias, grown here in quantities. Begonia Gloire de Lorraine, of which there are many thousands, seems to revel under the method of culture practiced here. There are many new things in double Vernon begonias, which are sure to be in great demand for bedding purposes.

The herbaceous grounds contain the largest collection of phloxes to be seen in the states; they are a great sight at present. There are many other features not to be seen elsewhere. If at all possible don't leave New York without visiting the Cottage Gardens.

J. I. D.

NEW YORK.

A Rehearsal.

On Monday night the club had a rehearsal of the play, "What the New York Florists Did." P. O'Mara was stage manager, and everything moved smoothly. The audience was very large and appreciative and there is no doubt that when the play is put on the stage at the convention hall, in the different headquarter hotels, on Glen Island—yes, everywhere a Buffalo or an Indian can be seen, it will be a success. It is of the pure comedy type and the plot is founded on love. A band of fellows (Bohemian kind) love flowers. They invite everyone in the country to visit their paradise. A large number accept the invitation and each one of the jovial fellows sets out to conjure up a surprise for the visitors. The propositions are mirthful and many of the situations ludicrous.

A special train, loaded with "Iroquois" and "Apaches," comes in from the west, and is captured at the Grand Central depot. The leaders of the band are waylaid and are put through a system of sub-irrigation; the rest of the party, finding no one willing to be responsible, get up a war dance and set out on a scalping crusade against the hostile tribes from the reservations near Niagara, the Delaware, and the Hub. Fire water and ices, however, stop bloodshed, and all ends well. You will meet one of the actors at every turn when you visit here next week; look out for them.

Latest Convention News.

The program last night was a good one and all seemed pleased with the part they have to play. Chairman Roehrs of the sporting committee announced that all was ready for the games to commence. The list of prizes appears elsewhere in this issue. C. W. Ward, of the press bureau, might have said that the reporters are sure to hear many things not intended for publication; he did say, however, that the department was ready. Charlie Weathered gave out that the "book of the play" would be ready on Thursday of this week, and he hoped none of them would be left behind in church. Arthur Herrington succeeded in arranging for the private gardeners' part in the exhibition to end on Thursday night, so that tribe is informed that their delicate plants, etc., can be packed and shipped on Thursday night or Friday morning.

The hall decoration committee wish us to say that members of the club are requested to send donations of flowers and greens for the decorations. They must be at the hall not later than Monday, or very early Tuesday morning; better send the flowers on Tuesday morning, for they are perishable goods and the weather is hot.

Walter Sheridan, of the reception committee, reported that all was ready to receive the tribes as they landed at the different depots, and escort them to the wigwams; that the "pipes of peace" were well filled.

The boat for Glen Island will leave West 34th street at 1 p. m. sharp, on Thursday; will call for more at East 31st street about an hour later. This boat will carry none but members of the S. A. F., and the club visitors are warned that the above are special docks, not the regular Glen Island docks, and that they must consult the official guide and not policemen. Refreshments will be served on the boat and a dinner and general "pow-wow" enjoyed later; don't miss any of it. Members of the club are to get two non-transferable tickets and they are to be used by the party



New Conservatories in Central Park, New York.
[Erected by Lord & Burnham Co.]

whose name it bears, one lady of his family, or one willing to be, age not considered. These tickets will be mailed to members. Anyone can get a ticket after he settles with W. J. Stewart.

John N. May, of the ways and means committee, announced that the credit of the club was good and that the boys could afford to treat their friends in a generous manner.

Club Notes.

Daly Bros., Granton, N. J., exhibited a new pink geranium named "Paunpeck," a sport from Contrast; it was awarded honorable mention.

A communication was read from Wm. Scott, of Buffalo, relative to the Floricultural Department of the Pan-American Exposition.

Samuel Henshaw, fresh from England, in answer to the request of President O'Mara, gave the club an interesting account of what he saw in Europe. Among other things he said he was the bearer of kind greetings from Dean Hole to the club; that gentleman's memory of the hospitality shown him here is as fresh and as sweet as the roses he loves. Mr. Henshaw spoke glowingly of the rose and sweet pea shows he saw in London, and said that, strange to say, the man who won the highest honors at the rose show was Hugh Dickson, of Newtownards, Ireland.

F. L. Atkins, who has also just returned from a visit abroad, preferred to wait till another evening, when he would be glad to give a talk on what he saw there, whereupon the chairman immediately notified the essay committee of the offer.

Mr. May spoke feelingly of the loss Mr. Lonsdale recently suffered in the death of his two daughters, and the club requested him to send a letter to Mr. and Mrs. Lonsdale expressing the sympathy of the club.

John Westcott, of Philadelphia, was present at the meeting and said that after witnessing the New York boys bowl, he was afraid of Philadelphia's chances.

Geo. T. Philcox, of St. Louis, said he was glad to be back to New York and his old friends.

Harry May, son of John N. May, here on a visit home from Richmond, Ind., in reply to a request from the chairman, gave his impressions of the west. He paid the highest tribute to the hospitality of the western people and from his own experiences and observations felt that the greatest piece of advice ever given was by Horace Greeley, when he said: "Go west, young man, go west." The west offered opportunities to every young man and the prospects there were very bright. Harry May is a fine type of the future plantsman, and his words were impressive.

The house committee, after the meeting adjourned, brought forth their impromptu entertainment, which consisted of music, songs, dances, and short talks, which were creditably rendered by Messrs. Schmutz, Birnie, Le Moult, Plumb, Butterfield, Wallace, Hogan, Cleary, Stewart, Herrington and Morris. The meeting was a most interesting one, and all enjoyed themselves.

The reception committee will meet at Walter Sheridan's at 3 p. m. Monday, and every day during the convention at the hall.

Bowling.

Following are the scores rolled last Monday night:

Roehrs	139	175	122	...
Siebrecht	143	153	118	144
Burns	126	169	147	185
Stewart	96	114	166	83
Traendly	194	169	157	137
Thielmann	126	154	194	136
Manda	...	159	165	155
Troy	...	100	135	134
Marshall	...	115	108	...
Siebenheller	...	123	79	...
Butterfield	...	95	...	...
O'Mara	172	145	...	...
Le Moult	132	126	...	...
Langjahr	103	91	...	...
Schmutz	119	113	...	...
Donlan	128	...	...	...

The New York team for the tournament will probably be selected from the following: Thielmann, Marshall, Lang, O'Mara, Schenck, Traendly, Manda, Roehrs, Burns and Donaldson; and it's anybody's game yet, remember—no one seems to be sure.

J. I. D.

TROUBLES

Conducted by LEONARD LAWTON

More About Credits.

B. B. writes: "Half of our business is credit, the bulk of the orders coming by telephone. It is in our opinion foolish for any retail florist to attempt to do an all cash business. If he has any of the smart set as customers it is practically impossible to avoid giving credit. From people we do not know we ask a deposit and require the balance to be paid on delivery. We have a black list in our office, a ten-years' collection of names of people who don't pay or are slow pay, etc., and every clerk has this to consult when a question of credit arises.

"In sending out C. O. D. orders we instruct our drivers to tell the party that if the amount is not paid to him he will have to make it up to us out of his own pocket and in nine out of ten cases he gets the money.

"On the first of every month we send out most of our bills by mail and the customers we have not heard from by the 10th of the month are visited by our collector. His instructions are to let no bill become more than two months old. Of course we lose a few bills during the year, but have had fewer losses during the last three years, while following above plan, than prior to that time.

"If any flowers are ordered by a society or church we make it a point to get the names and addresses of each member of the committee if possible, and surely that of one. This precaution has saved us many dollars. Be careful who you sell to and don't let your bills stand out long. The older they get the harder they are to collect."

Plant Advertisers.

"The statement of Clorus in the Review of July 5," says W. S., "is quite spicy and he is certainly very plain spoken. Fortunately he mentions names only where he has a good word to say, and the 'lousy' people are spared.

"When Dickens wrote 'Nicholas Nickleby' and did up 'Dotheboy Hall' and 'Mr. Squeers' so finely he had a lot of law suits on his hands. Many of the guilty wretches thought it was their establishment he was aiming at and they were very unhappy, as all deceivers should be, and this immortal story actually 'busted' those dens of iniquity known as the Yorkshire schools. Let us fervently pray that those criminals who send out microscopic begonias, yellow attenuated pelargoniums, scaly manettia, mealy bug fuchsias and other abominations, are writhing in agony thinking that the eyes of all honest florists are pointing straight at them, and that they have made up their minds to reform or go out of business after reading the remarks of Clorus.

"Thousands could tell just the same story, and I am afraid will have an excuse for doing so for years to come. But we can all help to eradicate these fakirs in the trade. They are worse than the patent medicine men, because only fools or dying men who grasp at straws take any stock in the 'Greatest Medical Discovery' or any similar humbug. Their stuff is hydrant water humbug and advertising and we all know it. But the man who advertises some plants of specific size and quality deliberately deceives us.

"Now, Mr. Editor, there is no defined line between the honest and dishonest among men, or the sane and the insane. There is a wide difference between the two extremes, but in the middle it is often indistinguishable. 'Great wit to madness sure is close allied, and but a thin partition does the two divide.' So among advertisers; there is the honest man, the 'honestish' and the dishonest. Dishonesty that the law doesn't touch is simply frowned upon, and in many cases not even that. If there is no judge and jury or penitentiary attachment you go sailing along in your automobile or get elected to the state legislature and be spoken of by the servile organs of the party as 'A refined and cultivated gentleman.'

Among our plant advertisers there are broadly two classes: The one who first of all is proud to grow good plants, proud of his reputation, and who will not send out poor stock. The other class includes those who have gone into the business, not from any liking for or perhaps knowledge of it, but solely for the acquisition of the dollar. That sort cares nothing for your upbraiding letter. In fact, cares for nothing so long as he gets your dollar and can assume the airs of 'a refined and cultivated gentleman.'

"The robber of old had lots of hair on his face, blood in his eye and a club in his hand. The robber of today has suavity of manner, oiliness of speech, a benevolent smile and a flowing pen, and that he may be thought well of by the old women of his locality he is generally the pillar of some church, the denomination that has the best 'society' being preferred.

"Not all these unscrupulous advertisers mean to be dishonest, but their bacillus of rectitude weakens when the strain comes and they yield to the temptation on the principle of the thrifty father who sent his son into the world with the advice: 'Get money, John; get it honestly if you can, but get it.'

"I am a most confirmed optimist as to the progress of the human race. I believe that every generation is better (even if only slightly better) than its predecessor just as surely and firmly as I believe that we have emerged from the dark, barbarous past, the countless ages that human thought cannot fathom. There may be retrogression here and there in individuals and nations, but that will not stop the great army that is born every day and that will make the world a better place to live in.

"Coming down to business, a florist is unwise to buy of any house unless he knows its reputation. I find that some of the reputable drummers, of which there are several, will give you accurate information about most any of the houses who advertise. The amateur will always be the dupe of some knaves who advertise in the 'Ladies' Banner of Hope' or 'Soap,' but the florist should find in his trade journals a good article advertised by reputable firms.

"Now, Mr. Editor, I think it is asking a good deal to expect you to refuse a good adv. because you know that firm does not send out the article as represented by the adv. You are not indorsing them; you only sell them space in which they make an announcement to the public, and in no way are you responsible. But in conclusion I would say that if you can afford to discard the business of firms whom you know to be unreliable and send out inferior goods, you will surely build up a most enviable reputation for your journal, for prospective buyers will readily see that by sticking to your advertisers they will not be disappointed.

"Although a reflection on my adopted country, I must be allowed to say that in our trade as well as others there is in advertising far more humbug and misrepresentation here than in Europe, or at least the British Isles."

Our views differ somewhat from those of W. S. While of course it is impossible for a publisher to guarantee the stock of every advertiser to be as represented, it is surely criminal on his part to admit advs. of those whom he has any reason to believe are in any degree unreliable or apt to send out stock that is not as represented. Certainly such never have been and never will be knowingly admitted to the columns of The Review.

And it should not be overlooked that one order filled with unsatisfactory stock will cause more noise than a thousand filled to the satisfaction of the buyer. The complaints received represent an exceedingly small percentage of the business done.

Let us give credit where credit is due and cause for reasonable complaints will soon be eliminated.

NEW YORK HOTELS.

Following is a list of New York hotels, rates, etc., supplied by the local committee:

	American. Pr day.	Europ. Pr day.	Dist. from Hall.
Savoy 59th St. and 5th Av.		$2.00 up	1 mile
Netherland 59th St. and 5th Av.		2.00	1 "
Metropole Broadway and 42d St.		1.00	½ "
St. Cloud Broadway and 42d St.		1.50	½ "
Manhattan Madison Av. and 42d St.		2.00	⅛ "
Marlborough Broadway and 37th St.		1.50	½ "
Murray Hill Park Av. and 40th St.		1.50	⅛ "
Grand Union Park Av. and 42d St.		1.00	near
Imperial Broadway and 32d St.		1.50	¾ mile
Grand Broadway and 31st St.		1.50	¾ "
Sturtevant Broadway and 28th St.	$2.50		⅞ "
May's 50 W. 28th St.	1.50	1.50	⅞ "
Victoria 5th Av. and 27th St.		1.50	⅞ "
Ashland 4th Av. and 25th St.		1.00	¾ "
Fifth Avenue 5th Av. and 23d St.	5.00		1 "
Continental Broadway and 20th St.		1.00	1⅛ "
Union Square Union Sq. and 15th St.		1.00	1½ "
Everett Union Sq. and 17th St.		1.50	1½ "
St. Denis Broadway and 11th St.		1.00	1⅛ "
Broadway Central Broadway, opp. Bond.	2.50	1.00	2 "
Cosmopolitan W. B'way and Chambers.		1.00	3 "
Astor House B'way, opp. General P.O.		1.00	3 "
Holland House 5th Av. and 30th St.		2.00	¾ "

Visiting members may have rooms reserved at any of the above hotels by applying direct, or through the Chairman of the Hotel Committee, Mr. S. S. Butterfield, P. O. box 1697, New York, specifying grade of accommodation desired. Most New York hotels are conducted on the European plan.

THE BOWLING TOURNAMENT.

Following is a list of the trophies to be competed for in the bowling tournament in New York, together with conditions:

Club Trophies.

The Lord & Burnham Co. cup, to the club making the highest total in three games. To be won twice before becoming permanent property of the club.

The Hitchings & Co. cup, to the club making the highest score in the third game. To be won twice.

The Queen of Edgely trophy, to the club making the highest total score in the first and second games. To be won twice.

The Edmund M. Wood cup, to the club making the highest total score in three games. To be won once only.

The Detroit trophy, to the club making the highest score in any one game. To be won twice. Won by Philadelphia in 1899.

Conditions.

The tournament will take place at the Palace alleys, southeast corner of 125th street and 3rd avenue. The games will start at 9 a. m. Friday.

Clubs intending to compete for the E. M. Wood and Queen of Edgely cups must first join the National League; the remainder of the prizes can be competed for by those identified with the trade and who are members of the S. A. F.

All teams and individuals intending to compete for any of the prizes must notify Theo. Roehrs, 511 E. 176th St., New York city, at least 48 hours before the games commence. This rule is imperative. Mr. Roehrs can be met at the hall during convention and be notified there. The names of the members of the teams must be given with the notification.

Teams have the privilege of giving nine names, six for the team and three as substitutes.

Team Individual Prizes.

1st, silver cup, donated by Theo. J. Lang, to the man making the highest average in three games.

2nd, silver cup, donated by Traendly & Schenck, to the man making the highest score in any one of the team games.

3rd, gold medal, donated by Theo. Roehrs, to the man making second high average.

4th, gold medal, donated by Theo. Roehrs, to man making third high average.

5th, gold mounted fountain pen, donated by J. K. Allen, to man making greatest number of strikes.

6th, box of cigars, donated by F. Brinkama, to man making the greatest number of spares.

Individual Games.

Open to all members of the S. A. F. not taking part in the team bowling.

1st, gold medal, donated by John I. Raynor, for highest score.

2nd, silk umbrella, donated by Walter F. Sheridan, for second high score.

3rd, cigar case, donated by Fitzgerald & Hammond, for third high score.

Ladies' Bowling.

For highest score, one game.

1st, elegant bronze vase, donated by Cleary & Co.

2nd, beautiful jardiniere, donated by A. H. Hews & Co., North Cambridge, Mass.

3rd, dozen cabinet photographs, donated by Dana, 28th street and Broadway.

CHICAGO.

The Market.

The change from roasting heat to comfortably cool weather has already had a beneficial influence on the market, though there is still little doing. Shipping trade holds up well for the season, but local demand is still almost nil. The receipts of asters during the "hot time" last week, were enormous, and as they wouldn't sell and wouldn't keep the bulk of them had to be sacrificed.

New crop roses are improving in supply and quality, but quantity is still light. Outdoor carnations are fair, but the heavy rain that broke the heated term has left its mark on many of the flowers.

Prices are practically the same as last week. Sweet peas are still coming in, but the majority of them have a very weary look.

To New York.

The special train to the New York convention is now the principal topic of conversation. Walter Kreitling has promised that the dining car shall be a bower of beauty and something great in the way of decoration is looked for. Ed. Winterson also has ideas regarding the exterior decoration of the train and it is expected that the special will leave a trail of glory across the country.

All who are going should reserve their berths at once so suitable provision may be made for all. Five from Milwaukee will join the Chicago party. And we hear of a number from St. Louis too. Over 50 people are already booked.

Tickets may be purchased on Friday and Saturday at the city office of the Lake Shore road, corner Clark and Monroe Sts., or on Sunday at the Lake Shore station, Van Buren St. It will be wise to secure tickets before Sunday if possible, as there may be a crowd at the station. The special train will be backed into the station by noon Sunday, so the decorators may have time for their work.

The train will reach Toledo by 8:30 p. m. and Cleveland my 11:30 p. m. Parties will board the train at both these points. Also at Buffalo.

Various Items.

McKellar & Winterson are receiving their stock of bulbs.

C. M. Dickinson, of Hunt's, has returned from his vacation in Michigan with an ultra fashionable shade of tan on face and hands.

U. J. Virgin, of New Orleans, is in town and will go from here to New York.

John Brod lost his stock of palms, etc., in his new store at 616 N. Wells St. by escaping gas from some leaky pipes under the store. The loss will be settled by those responsible for the leaks.

B. J. Blameuser, the North Wells St. Florist, sent his young wife to the Insane Hospital because she threw a pair of shears through a plate glass window during a domestic quarrel. She was released by the physicians on examination. They concluded that her act was not conclusive proof of insanity, whatever B. J. B. might think about it.

C. J. Reardon has gone to Calumet, Mich., to take charge of the new place being built by A. E. Lutey.

ST. LOUIS.

The Market.

The trade in cut flowers remains about the same as last week. The weather is hot and dry. A few midsummer weddings and funeral work kept a few of the West End florists busy last week. The supply of good stock is short of the demand, while the poorer grades are still plentiful, with little demand at low figures.

The best of Meteors, Brides and Bridesmaids are bringing from $3 to $5; seconds, $1 and $2. Carnations, from the reports of the growers, are in tip-top shape, especially the new varieties. Those that are coming in now are very poor and short-stemmed. The best price is $1 per 100, while some are sold as low as 50 cents. Violets at most places are looking fine and the growers expect great things from them this fall. More violets are being grown this year than ever before and the market will, no doubt, be overloaded when their time comes. Sweet peas are very scarce and almost out of the market. Asters are very plentiful and great lots of them can be seen at the wholesale houses every morning in all colors at $1 per 100 for the best, or $5 in 1,000 lots. Hardy hydrangeas are also plentiful and fine, large heads being sold at 5 cents each. Gladioluses, too, are a glut and there is very little call for them. Tuberose stalks are fine and sell well at $5 per 100. Good smilax is still to be had.

Notes.

The bedding at Forest and other parks is very attractive this year, and Superintendent Pape is doing all in his power to give us the best he has. The front part of City Hall park especially is very attractive, and much attention is given to the lawns. Fred is making a record for himself this year.

Mr. and Mrs. Ed Buechel of the Reissen Floral Company are enjoying themselves at the northern lakes in Michigan. They are not expected home before Sept. 15.

Arnold Ringier left Friday morning to meet Mrs. Ringier at Quincy, Ill., and from there they will take a boat for St. Paul for a few weeks' vacation among the northern lakes.

Mr. Eugene Wurst and son will leave St. Louis for New York, Aug. 16, both having secured positions in the east.

Club Meeting.

The midsummer meeting of the St. Louis Florists' Club was not so well attended as it should have been, it being election of officers. President Ammann opened the meeting, with sixteen members present. The exhibition committee reported that the chances were good for the show to be held in the music hall in the Exposition building. The transportation committee reported that $28.10 for the round trip is the best that could be obtained over the Big Four. The resignation of Andrew Meyer was read and accepted. The invitation of the Philadelphia Florist's Club inviting all visitors to the convention to stop over and visit them was accepted. William F. Adels, with Ayers Floral Company, made application for membership.

The election of officers took place and resulted as follows: For president, E. W. Guy of Belleville, Ill.; for vice-president, Charles Juengel; for secretary, Emil Schray; for treasurer, J. J. Beneke; three trustees, F. J. Fillmore, J. W. Kunz and R. J. Mohr. The secretary's report shows that the largest single attendance during the year was twenty-five; the smallest, seven; average attendance, fifteen. The year opened with sixty-four members in good standing; nine were dropped from the rolls, two by death (J. M. Jordan and W. C. Pape), leaving fifty-three members in good standing.

The treasurer's report shows that the club is in good condition financially.

The club extended a vote of sympathy to Mr. and Mrs. Edwin Lonsdale of Philadelphia upon the loss of their two daughters.

A report was heard from the carnation-growers present. F. W. Ude, Jr., of Kirkwood; Ethel Crocker and Crane are doing fine. All the old varieties in good condition.

Henry Emmons, Belleville: Olympia, fair; Lawson, fine; Crocker best of all. All the old ones in good shape.

Charles Connon of Webster Grove: Crocker the best; America, good; others in tiptop shape.

Fred Ammann: Genevieve Lord best ever grown; Crane, White Cloud and Joost are fine. The old varieties are also doing well.

Otto Koenig of Julius Koenig's Sons reports that they are building two new houses, one 20x240, the other 10 x240, and wants to know which is the best boiler to use. Perhaps some of our advertisers can give him this information.

Those who attended the meeting from out of town were as follows: Theodore Richter and F. W. Ude, Jr., of Kirkwood; Charles Connon, Sr., of Webster Grove; Dr. A. S. Halstedt and Henry Emmons of Belleville; F. J. Ammann of Edwardsville, and Arnold Ringier of Chicago.

Before the meeting adjourned President Ammann invited the members of the club to visit his place at Edwardsville next Sunday, Aug. 12, in a body. The invitation was accepted.

President-elect Guy expects a large attendance at the next meeting, Sept. 13, at 3 p. m. Installation of officers will take place and other important matters will come up.

Visit to Edwardsville.

The invitation extended to the members of the club by Fred Ammann to visit his place at Edwardsville was accepted by ten members, seven from St. Louis and three from Belleville. They were as follows: Emil Schray, F. J. Fillmore, George Windler, C. A. Kuehn, F. W. Ude, Jr., Max Herzog and your correspondent (who represented the Review) of St. Louis, and Dr. A. S. Halstedt and wife, E. W. Guy and wife and Henry Emmons of Belleville. We were met at the Edwardsville depot by Mr. Ammann and his foreman, Henry Blixen. They were assisted by Alderman Fred Bernreuther, Alderman Bartels, George Schmidt (better known as Brother Schmidt) and Fred Rohrkaste, all representative business men of Edwardsville. The party was taken to Mr. Ammann's place in carriages. Arriving there the party was introduced to the household and then a trip through the houses. All the growers were delighted at the looks of the stock, as Fred is known as the "King of Perle Growers." The party was unanimous in saying that the name was justly given. His carnations were a surprise to them also.

After this the men folks were taken for a drive through the city. The first stop was at the mayor's house to get the keys, and Brother Schmidt says "The town is yours now, boys." The keys of the city wouldn't fit the lock of the bowling alleys, so we drove through N. O. Nelson's place, looking at the beautiful bedding. A stop at the Leland Hotel for dinner was next, after which speeches were made by ex-President Halstedt, President Ammann and President-elect Guy. After this we were driven back to Mr. Ammann's place, where tables and chairs were spread on the lawn under the trees. Mr. Fillmore was selected as master of ceremonies and Brother Schmidt as sergeant-at-arms. Everybody called upon had to respond with a song or a speech. The best on the programme was the brother act of Kuehn and Schray. A nice lunch was spread on the lawn and a photograph was taken of our florists alone, which will appear in the next issue of the Review. Preparations were then made for the trip home. At the depot three cheers were given for Mr. Ammann and his friends, and a better time was never had, and it will long be remembered by those who took part.

J. J. B.

BOSTON.

We are still on the map—very still! The "boxers" have made daily attacks upon the Park street legation since my last cable, but have as yet done no damage. Their boxes were too small and they did not bring ammunition enough.

Goods never were so plentiful during the month of July, so many of them were never sold and prices never ran so ridicuously low. Many of the rose growers are cutting quite large crops from new bushes. Prices run from 50 cents to $4 per 100. Of course the best are rather small but there have usually been a few quite heavy Kaiserins around although that particular kind has not been quite so plentiful or quite so large as usual.

Not many out-door pinks yet, prices from 25 cents to $1 per 100. Sweet

SAMUEL S. PENNOCK. Wholesale Florist

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

peas and asters by the thousands. Salesmen have not held them over from day to day so much as usual, selling at small figures instead. Many peas have been sold to street men for 40 cents per 1000 and even less, and I heard one fakir tell of buying asters for 7 cents per 100. It takes good ones to bring 20 or 25 cents.

But we are by the flushest period now. Some kinds of out-door goods (gypsophila, fever-few, etc.) have stopped coming and prices on ma'n crops are slightly advancing. Most of the vacations are over and the vacationers are back ready for business when it arrives.

A loud discussion a few days ago in the Park street market, brings up the old question of non-delivery of goods promised a day ahead. Seen from the buyer's side this is a most heinous crime. But that same buyer sometimes orders ahead and refuses to accept the goods when too late for the grower to dispose of them elsewhere. And he is devoutly surprised that this right is challenged sometimes, too. All of which goes to show that the florist's path is not always strewn with roses so much as it might seem. B. T.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR SALE—42 hot bed sashes, unglazed, all in good order. Price 40c a piece. Also large calla bulbs, smilax clumpe, asp fern and freezias. Cash with order please. Address Paulena Lafontaine, Oconomowoc, Wis.

WANTED—Florist, first-class rose or carnation grower, latter preferred; state references and wages expected. H. Dale Estate, Brampton, Ont.

SITUATION WANTED—Practical and experienced florist and nurseryman; 20 years' experience; strictly temperate. Address 30, care Florists' Review.

FOR SALE—1,000 feet 4 inch cast iron pipe, 5-foot lengths, as good as new; also T and El. other fittings 10c per foot delivered at depot here. H. V. Sowle, New Bedford, Mass.

FOR SALE—Greenhouse in live western town, 5,000 population; no competition; nearest greenhouse 60 miles; small amount of cash required. Have in connection best confectionery, fruit and ice cream trade in city. Address G. B. D, care of Florists' Review.

FOR SALE—At a bargain on account of ill health, good florist business, everything nearly new; 8-room dwelling, barn, 5 greenhouses, 5000 feet glass, 2 boilers. Good plant, cut flower and nursery trade. Care of two cemeteries. Best shipping facilities. In a good business town. Address W. D. Chase & Son, New London, O.

FOR SALE—Greenhouses and stock, situated in an old settled town. An excellent opportunity for a practical man with small capital. Reason for selling, ill health. Address A. H., care of Florists' Review.

SITUATION WANTED—As foreman, by a first-class florist, well up in rose and cut flower growing; good plantsman; best of references; single; open at once. Address Foreman, care Florists' Review.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

WANTED—Good quick propagator, one who can act as assistant to foreman of a large place. Address Q, care Florists' Review.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

WANTED—Assistant rose grower, and willing to do general greenhouse work; state wages wanted; references required. Address S. W., care Florists' Review.

WANTED—Position as foreman, by a competent florist; or as assistant in larger commercial place; experience in all branches of the florist business. Address E. H., care Messrs. T. J. Grey & Co., 32 South Market street, Boston, Mass.

SITUATION WANTED—By a good all-round florist, capable of taking full charge of growing roses, carnations, mums and general stock; single; 23 years' experience. Address B., care Florists' Review.

FOR SALE OR RENT—Three greenhouses, steam heat; good location; houses in good condition; must sell on account of death; good business place for a lively florist. Inquire on premises, Mrs. Rindfleisch, 1500 Pearl street, Cleveland, Ohio.

FOR SALE—Some extra good second-hand 3-inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H. Salter, Rochester, N. Y.

FOR SALE—Greenhouse, 5000 square feet of glass, 2000 feet 4-inch pipe, boiler, stock, etc. Location Walnut Avenue and Lake Street, Austin. See Chas. S. McNett, room 44, 69 Dearborn Street, Chicago, Ill.

MUST BE SOLD AT ONE-HALF COST. 9 greenhouses, 30,000 feet capacity, situated 25 miles east of Buffalo, on N. Y. C.

Terms easy. D. DIMOCK, Corfu, N. Y.

WANTED.

I want to rent a place of from 4,000 to 6,000 square feet of glass, within 200 miles of Chicago. Address with full description, and terms for prompt cash rent,

COLEUS, care Florists' Review.

Bronze Galax Leaves

Every leaf guaranteed perfect,

One-Dollar-Twenty-Five per 1000.

Try a sample Fifty for Ten Cents in stamps, delivered Free.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write.

I Pay Express or Postage on my

Bronze Galax Leaves

and deliver anywhere in U. S. for

One-Dollar-Fifty per 1000. Write for Particulars.

LILLIAN ALLEN DEXTER, Washington, D. C.

Mention The Review when you write.

FOR SALE.

OAKLAND, CAL.—An elegant piece of property, 160 ft. front by 145 ft. deep. 10 minutes ride from center of city. Three large greenhouses, each 116x25 ft., well stocked. Elegant cottage of seven rooms, gas fixtures. Owner compelled by circumstances to go to the Alaska gold fields and must sell quickly. Cost $7,000. Will sell at great reduction. Write for price.

The above named property is a bargain and those desiring to purchase will do well to communicate with us. This is only one of the many properties that we have for sale and leasing.

SMITH & SMITH, 345 Sixth Ave., PITTSBURG, PA.

P. O. Box 869.

Salesman Wanted

in our Flower Seed Department; must be thoroughly familiar with Flower Seeds and Bulbs; also acquainted with the florists' trade.

W. W. RAWSON & CO.,

SEEDSMEN,

12 & 13 Faneuil Hall Sq., BOSTON, Mass.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

CHICAGO TO NEW YORK.

The Chicago Florists' Club's Committee on Transportation to the New York Convention of the Society of American Florists, to be held Aug. 21, 22, 23 and 24, has arranged with the Lake Shore and Michigan Southern Railway for a special train, which will be vestibuled, and will contain as many Pullman sleepers as may be necessary, a buffet smoking car, a dining car and a day coach.

The running time of this train will be as follows:

Leave Chicago, 3 p. m., Sunday, Aug. 19.
Arrive Niagara Falls, 7:30 a. m., Monday, Aug. 20.
Leave Niagara Falls, 9:30 a. m., Monday, Aug. 20.
Leave Buffalo, 10:20 a. m., Monday, Aug. 20.
Arrive Grand Cent. Sta., N.Y., 9 p. m., Monday, Aug 20.

The railroad fare for the round trip will be $26.70 on the certificate plan. The sleeping car fare will be $5.00 for a double berth to New York. But if sleeper accommodations are desired to Buffalo only, sleeper tickets from Chicago to Buffalo may be had for $3.00 and the remainder of the distance travelled in the day coach.

At Niagara Falls an hour will be devoted to a trip around the Gorge Route Electric Line, which on the American side runs for miles below the falls along the rapids, whirlpool, etc. Special trolley cars will await the arrival of our special train.

Those not wishing to take the trip through the gorge can devote their time to seeing the falls in any way they desire.

Returning from New York the members of the party have the option of returning by all rail route, or of taking the boat as far as Albany. And as a daylight ride up the Hudson is an exceedingly enjoyable trip, the majority will no doubt take advantage of it. The boat leaves New York, foot of Desbrosses street at 8:40 a. m. daily, reaching Albany at 6:10 p. m. A west-bound train leaves Albany at 10 p. m., which arrives Chicago at 9 p. m. next day. To any preferring the lake trip Buffalo to Cleveland the privilege of taking the C. & B. Transit Co.'s boat is afforded.

Berths may be reserved in the special sleepers by addressing L. F. Vosburgh, City Passenger and Ticket Agent, Lake Shore and Michigan Southern Railway, 18 Clark street, Chicago, who will also supply any other information desired. Railroad tickets may be had at above address or at the Lake Shore Station, Van Buren street.

In reserving berths be careful to state whether you wish a berth to New York, or to Buffalo only, and mention that you desire to travel in the Florists' Special Train.

By vote of the Chicago Florists' Club the Committee was instructed to invite all florists in the west to travel with the Chicago party and to share the advantages secured by the Committee. We shall be pleased to have your company on this trip. The New York Convention promises to be a memorable one, and every florist who can possibly do so should go.

Please make your berth reservations as early as possible.

G. L. GRANT,
W. N. RUDD,
WALTER KREITLING,
} Transportation Committee, Chicago Florists' Club.

Learning that a number of florists have misinterpreted a circular issued by a certain R. R., the committee wishes to state that by whatever railroad a florist travels to New York he must leave New York on or before August 28 in order to secure the reduced rate.

DEATH OF BENJ. R. CANT.

Benjamin R. Cant, the well-known English rose-grower, died July 16 at the ripe age of 73 years. He was probably the only nurseryman who confined himself exclusively to roses in the open air, having no range of glass. For upwards of forty years he was perhaps the leading exhibitor of roses in England. During his long and prosperous career Mr. Cant had won over 2,080 first prizes and trophies, and last year created a record by carrying off every trophy open to England. And nine times in nineteen years he had won the grand challenge trophy of the National Rose Society.

It was through him that such famous roses as Gloire de Dijon, Gen. Jacqueminot and Jules Margottin were intoduced in England.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

FOR SALE.
1500 N. Cordata Compacta
in 2-inch pots, strong plants at $3 00 per 100.
Also strong plants from bench, $2.00 per 100.
Chas. Schweigert, Niles Center, Ill.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

Floral Fancies, TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Language of Flowers,
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

Season 1900-1901

CAPITAL . . $10,000.00

To the Grower:

We want to call attention to our large increase in trade, and are contracting more help and building more counter surface to handle our increase. Still with all, we want "new growers," but we want them to begin with the dull season or at the opening of the season, September 1st to October 1st.

A few facts: Shippers who expect best returns ought to SHIP US, for we have a business of long standing and trade built up. We pay all growers each week with statements, no matter how much we have to trust out. Having capital we can afford to carry accounts in the interest of the producer.

All we ask is a season's trial, and we can PROVE we can do by you as good and a little better than you have been doing, and, as above stated, the "CASH" each week. Come in and see us; have a talk, and we will convince you that if you are to change Brokers, we are open to handle all No. 1 Stock we can get this season.

Yours respectfully,

FLINT KENNICOTT, President.
G. H. PIESER, Secretary.
ED. E. PIESER, Treasurer and Gen'l Manager.
L. P. KELLEY, Salesman.
STEVE MINON, Salesman.
WM. P. KYLE, Foreman.
GEO. R. SCOTT, Packer.
G. H. PIESER, Jr., Packer.
Er·and-boys and wire-workers.

Kennicott Bros. Co.,

42 and 44 Randolph Street,
Chicago.

GRABB & HUNTER
IRENE
CARNATION.

See GEO. F. GRABB at the Convention

DREER'S Special Offer of SEASONABLE STOCK

ASPARAGUS SPRENGERI.

A fine lot of strong plants in

2-inch pots	$5.00 per 100,	$40.00 per 1000
4 "	1.50 per doz,	12.00 per 100
6 "	4.50 "	35.00 "

ASPARAGUS PLUMOSUS NANUS.

A fine lot of thrifty young plants ready to pot up.

2-inch pots .....75 cts per doz., $6.00 per 100, $50.00 per 1000

FICUS ELASTICA. (Rubber Plant.)

4-inch pots,	10 to 12 inches high	$4.00 per doz.,	$30.00 per 100
6 "	15 to 18 "	6.00 "	50.00 "
6 "	20 to 24 "	9.00 "	75.00 "

For a full line of Decorative plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

CYCAS REVOLUTA.

(SAGO PALM.)

We have a large stock of Cycas, especially in medium sized plants, suitable for retailing for house decoration. All of these sizes are in very good condition, and we are certain will give entire satisfaction.

STEMS.	LEAVES.		EACH.
3 to 4 in. high	6 to 8	12 to 15 in. long	$1.00
4 to 5 "	8 to 10	18 to 20 "	1.50
5 "	12 to 15	18 to 20 "	2.00
6 "	12 to 15	20 to 24 "	2.50
6 "	15 to 18	22 to 26 "	3.00
8 "	18 to 20	24 to 26 "	4.00
8 "	20 to 25	24 to 28 "	5.00
12 "	25 to 30	24 to 28 "	7.50
12 "	25 to 30	30 to 36 "	10.00

Invitation. Florists attending the Convention in New York are cordially invited to visit our establishment at Riverton, N. J. Our representatives will be found in Convention Hall and will gladly give information as to best way to reach Riverton.

HENRY A. DREER,

714 CHESTNUT ST., PHILADELPHIA, PA.

Mention The Review when you write.

PHILADELPHIA.

Thomas Mingey, for twenty-five years in charge of Horticultural Hall in Fairmount Park, has resigned his position. Mr. Mingey has had charge of the hall since it was built for the Centennial in 1876, until the present time. His success has been complete as a visit to the hall and its surrounding grounds will amply testify. Everything is in perfect health and in perfect order.

Mr. Mingey's greatest successes have been with his cacti and croton beds, his stove plants and his aquatics; I ought also to say in his great executive ability which enabled him to grow a very large number of bedding plants in a given space and to get excellent work out of his force of men. He is one of the very best men in our profession today.

His hosts of friends will miss him greatly. Some other park will gain by our loss.

JOHN WELSH YOUNG.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

The George Wittbold Co., Chicago, Ill., register Nephrolepis Wittboldii, originated in 1897. Fronds 2½ to 3 feet long and 10 to 12 inches wide; pinnae undulating or wavy in all growths; texture leathery.

WILLIAM J. STEWART,
Secretary.

THE CONVENTION.

We have received word from President P. O'Mara, of the New York Florists' Club, that the convention will open at 9:30 Tuesday morning instead of 10:30, so every one should be on hand early.

Z. CHRISTMAS IS THE.... SWEET PEA FOR FORCING

Seed, $10 per lb., $1.50 per oz.

This grand variety is for inside culture only. The flowers first appear from September to November 20th, and flowers from then all winter until June. From middle bench, 6½x100 feet, I cut an average of 84 dozen per day; grows only 4½ ft. high and flowers on 15-inch stems; color similar to Blanche Ferry. They are easily grown and with each order I will send directions as to the way I grow them. I have raised them 8 years now and they do well every year. All seed is from selected plants raised inside, and I will guarantee them to flower all winter. Plant after your mums. Have only a small quantity of seed, so first come, first served. Send check or money order with your order.

ANT. C. ZVOLANEK,
Grand View, Somerset Co., N. J.
Formerly at West Hoboken, N. J.

Mention The Review when you write.

CELERY and CABBAGE

CELERY. Pink Plume and New Rose (extra strong), Boston Market, Giant Pascal, White Plume and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CABBAGE. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

KALE. Dwarf Green Curled Scotch, same price as Cabbage. If any of the above by mail, add 10c per 100.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

For Ten Days Only!

100,000 plants for sale at half price and less to make room.

Roses—20,000 strictly A1 plants, 3½ and 4-in. (big fellows), Bride, Perle, Meteor, Maid and Golden Gate, only 4c.; worth 10c. The same in 2½ and 3-in., only 3c.; cheap at 6c.

Smilax—15,000 double extra, guaranteed as good as you ever planted, $1.00 per 100, $10.00 per 1000; as many as you want.

Geraniums—10,000 Bruanti (dbl scarlet) and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders; strong 2½ and 3-in., only $1.50 per 100. Bear in mind this is only the price of Rooted Cuttings, and you can't buy them for double that in a month.

Boston Ferns—(they're beauties), strong 2½-in., 5c.; 3-in., 6c. Stock limited.

Dbl. Fringed Petunias and Coleus—In superb collection. Ageratum (Princess Pauline) and White Lady, only 1c.

Puchsias—Strong 4-in., $1.00 per doz; 2 and 2½-in., $1.50 per 100.

Calla Bulbs—Strong 8 and 10c. size for 5c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.



NEW CROP NORTHERN FERNS. 50 cents Per 1,000.

Laurel Festooning 4c to 6c per yard. Best of goods always on hand.

CROWL FERN CO., - MILLINGTON, MASS.

Mention The Review when you write.

...THE ANNUAL..

CONVENTION NUMBER

OF THE Florists' Review WILL BE ISSUED NEXT WEEK,

and will contain a report of the New York Convention.
Send advs. quick for this Special Number.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
Valley	3.00 to 5.00
Sweet Peas	.10 to .25
Lilies	8.00 to 10.00
Adiantum	.50 to 1.00
Common Ferns	per 1000, $1.00
Smilax	per doz., $1.00 to 1.50
Asparagus "	5.00 to 6.00

Full line of Field Grown Carnation Plants to offer.

SEEDS AND BULBS.

Callas, select, 1¼ to 1½-in. diam., per 100	$5.00
" " 1½ to 1¾ " "	7.00
" " 2 to 2½ " "	9.00
Bermuda Freesias, ⅜-in. and up, per 1000	5.50
" " ½ " " "	6.50

Harrisii Lilies, Longiflorum, Roman Hyacinths, Paper Whites. **Prices on application.**

All Dutch Bulbs in Season.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Choicest Mixture	.50
Gloxinia Hybridi, Choicest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems, fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
Cape Flowers, white, per lb	.85
" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second " .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastics, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45, 47, 49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

California Grown Bulbs

	Per 100	Per
Calla Lilies, monster bulbs	$7.00	100.0
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering, healthy bulbs. Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers, $20.00 per 100.

F. LUDEMANN,

Pacific Nursery, San Francisco, Cal.

.....THE.....

MURRAY HILL HOTEL

Park Ave., 40th and 41st Sts,,

NEW YORK.

One block from Grand Central Station.

Two blocks from the S. A. F. Convention Hall.

AMERICAN and EUROPEAN PLAN.

Coolest Hotel in the city, at special rates for S. A. F. Members.

Baggage transferred to and from Grand Central Station FREE OF CHARGE.

GERANIUMS....

Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey. All clean healthy stock from 2 and 2½-in. pots, at $2.50 per 100. Also Mme. Bruant from 3-in. pots. at $3.50 per 100.

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

PRIMROSES.

IMPROVED CHINESE, ready for 3-inch pots. Well known throughout the United States and Canada as the finest large flowering fringed varieties grown. **SINGLES,** named, $2.00 per 100; $17.00 per 1000. **DOUBLE,** named, $3.50 per 100. Extras added liberally to help pay expressage.

GIANT PANSY SEED.

The very best mammoth varieties, no finer ever offered; all the seed plants critically selected. **SOW THE BEST.** Packet, 3500 seeds, $1.00; half packet, 50c. A packet of the grand new Dwarf Forget-Me-Not "Blue Beauty" added to every seed order. Strictly cash prices.

THE HOME OF PRIMROSES. **JOHN F. RUPP, Shiremanstown, Pa.**

Mention The Review when you write.

E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

Mention The Review when you write.

FOR

PALMS

Write to **Walter Retzer & Co.**

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers

CYCLAMEN

Importation Just Received.
Crop Harvested May and June of this year.
.....STRICTLY NEW CROP.

SOW ONLY HUNT'S **Cyclamen Persicum Grandiflora,** The finest strain for FLORISTS' use, composed of all the newest and latest shades and productions.

WRITE FOR MID-SUMMER SEED LIST

CYCLAMEN PERSICUM GIGANTEUM, ALBUM—pure white, WHITE—carmine eye, ROSEUM SUPERBUM, CRIMSON KING, RUBRUM.

Our New Ribbon List, Ready July 21st. Something well worth the trouble of asking for.

Calceolaria, Primula, Cineraria, Pansy—all new, all excellent.

E. H. HUNT, CHICAGO. 76-78 WABASH AVENUE. .....Long Distance 'Phone Central 1751.

Mention The Review when you write.

GRAND RAPIDS, MICH.

Various Items.

The excessive heat of the past eight days ended Saturday night. The heat was so great it was next to impossible to do inside work; now, the refreshing showers have so cooled the temperature that the work of benching carnations is being pushed with vigor so as to head off another hot spell

Trade is quiet. Funeral work uses up the few flowers in existence.

It is noticed that all stick pretty close to Flora Hill as the leading white carnation, with White Cloud second. Flora Hill is beyond question the best summer white on the market today. In pink Mme. Chapman leads with Daybreak second. Few Scotts will be planted this season. Irene has proved to be as good a summer pink, as Flora Hill has a white carnation. In the cultivation of both these varieties, it is noticed, they require a little higher temperature in winter than ordinary, it is this quality that makes them such good summer bloomers. In red, Jubilee and Crane lead. In yellow Gold Nugget, although Chadwick says Eldorado, planted in poor soil, not only produces good flowers, but are as prolific as Portia.

Any old price prevails according to quality of goods.

Geo. F. Crabb and Henry Smith will attend the S. A. F., joining the Chicago excursion.

W. Cukerski, superintendent of parks, is better and attending his customary duties. G. F. CRABB.

BUFFALO BOWLERS.

	1	2	3	4	5	Ave.
W. Scott	161	153	151	161	147	154
J. Braik	114	151	148	136	199	129
G. McClure	163	176	134	171	206	170
W. B. Scott	130	136	149	181	135	150
A. J. Scott	149	132	107	182	130	140
C. Resch	138	131	134	150	148	140
W. Webber	155	170	152	134	188	159
G. Troup	115	146	162	...	...	141

Somewhat erratic scores, but we have discovered a "dope" procured from the Seneca Indians of the Niagara reservation that imparts vigor and nerve, so look out after the dope is administered.

PALMS! FERNS!

Fine Stock, Prices to Please, Low Express Rates.

	No. of Leaves.	Inches High.	Size of Jar.	Per doz.	Per 100.
PALMS....					
Latania Borbonica	4 to 6	15 to 18	6-inch	$ 6.50	$60.00
Kentia Forsteriana	4 to 6	18 to 24	6 "	8.50	70.00
" "	3 to 4	18 to 20	5 "	6.00	50.00
" "	3 to 4	12 to 18	4 "	4.00	33.00
" Belmoreana	4 to 6	15 to 18	6 "	10.00	90.00
" " extra fine	5 to 6	12 to 18	5 "	7.50	60.00
" "	3 to 4	12 to 15	4 "	4.00	35.00
Areca Lutescens	3 to 5	18 to 24	6 "	5.00	45.00
" "	3 to 4	12 to 15	4 "	3.00	28.00
Phoenix Canariensis	4 to 6	12 to 15	5 "	5.00	35.00
" "	2 to 4	10 to 12	4 "	2.50	20.00
Pandanus Utilis		15 to 18	6 "	6.00	50.00
" "		10 to 12	3 "	1.50	10.00
Livistona Rotundifolia			4 "	3.25	25.00
" "			5 "	5.00	40.00
FERNS....					
Nephrolepis Davallioides Furcans		7 to 8	"	3.00	20.00
" " "			4 "	1.00	10.00
" Cordata Compacta			3 "	.70	5.00
Adiantum Cuneatum			3 "	.65	5.00

Soliciting a share of your patronage, I am, Yours respectfully,

H. W. BUCKBEE, ROCKFORD, ILL.

Rockford Seed Farms, Forest City Greenhouses.

PALMS and Decorative Plants...

The stock that I offer for the coming season is now in splendid condition, fully up to the high standard my plants have attained for condition and hardiness. Fair samples can be seen at New York during S. A. F. Convention, where I shall be pleased to receive orders or furnish any information desired.

Price Lists now ready and mailed free on application.

CHAS. D. BALL, HOLMESBURG, PHILA., PA.

Send Advs. Quick for our Convention Number.

While at Convention

Do NOT buy before you have seen our
Mr. WALTER RETZER, or have
written to us in Chicago,
2045-59 Clarendon Ave. (N. Halsted Street.)

WALTER RETZER & CO.

THE WHOLESALE GROWERS OF

Palms, Ferns and Rubber Plants.

WASHINGTON.

Business the past week has been very quiet, a small amount of funeral work is about all there has been doing.

The demand for flowers of all kinds from near-by springs has been good all season.

On account of the hot and dry weather stock is poor and scarce and there is nothing to fill orders with.

The thermometer has registered from 98 to 100 degrees for the last week, and with no rain for two months it keeps the boys guessing.

F. W. Bolgiano will, in a few days, begin to remodel his uptown store and add a new conservatory 50x20 feet. Mr. Mayberry, his manager, says business has been fairly good with them all summer.

N. Studer is making preparations to ship a large lot of his new fern, N. Washingtonlensis, of which he has some fine specimens.

F. H. KRAMER.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., ready for 4s, $4 00 per 100. Heliotrope, the very best dark blue, strong grower, new field-grown stock, plants full of cuttings, ready for 5-in. pots. $10 per 100. Coleus, newest and latest varieties, fancy colors in flats, large plants, $1.00 per 100. Cinerarias, superb strain, in flats, ready for shifting, $1.50 per 100.

PANSY SEED.

New crop, superb strain, prize mixture, of Bugnots, Cassiers and Odier, ¼ oz., 75c; oz., $2 50. Separately—¼ oz., $1.00; oz., $3 00. Trimardeau, $2.00 per oz.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Always mention the Florists' Review wher writing advertisers.

Will You Attend the Convention?

Yes! Then don't fail to see us. Our **Mr. P. BERKOWITZ,** happy and affable as ever, with his assistants, will be there to wait on you. His maxim: **No trouble to show goods —no pain to answer questions.**

Next run over to Philadelphia; it will pay you to inspect in its **unabridged magnitude** our **Latest Comprehensive Importation** and **Own Manufacture.** Your friend—call him "OLD HARRY" for short (but don't confound him), has just returned from his annual buying tour of Europe. He will show you what he acquired for you at the Paris Exhibition and other European centers. It cannot be excelled.

Come Over! Bring Your Friends Along! We will take care of you and your comfort. Our hospitalities are at your call; also the facilities of our store and office.

H. BAYERSDORFER & CO.,

50, 52, 54 and 56 N. 4th St., PHILADELPHIA, PA.

P. S.—Remember New York, **Our Exhibit Only.** Our store and warehouses are in PHILADELPHIA. **The Oldest, Largest and Most Progressive Florists' Supply House in America!**

10,000 Chrysanthemums

Thrifty young plants from 2¼-inch pots.

To Close Out. **$2.50** per hundred. **$20.00** per thousand.

List of varieties on application.

NATHAN SMITH & SON, - ADRIAN, MICH.

CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

W. E. HALL, - - CLYDE, O.

OMAHA.

Notes.

Trade has picked up some the past week and has been very good, but the prospects for its remaining so are not promising.

Very little good stock in the way of roses is to be found in this vicinity. Some Beauties are coming in, but the quantity is limited.

S. B. Stewart and wife have been out to Honey Creek Lake for the last two weeks, and in consequence Sam has a nice brown skin.

Miss Arnold, who has been ill, is now able to be about again. B.

The Florists' Club's Trip to Plattsmouth.

The Omaha Florists' Club responded to Mr. W. J. Hesser's invitation and visited him at his home in Plattsmouth, Tuesday, Aug. 7. The weather was fine, and at 8:50 a. m. quite a crowd had gathered at the depot, where a special car, decorated with palms and flowers, was waiting for us. One hour later we were in Plattsmouth and were cordially welcomed by Mr. Hesser, and, after partaking of some refreshments, we were taken in carriages, through orchards, vineyards and waving cornfields, to the palm gardens and greenhouses.

Mr. Hesser has, indeed, fine picnic grounds, with its large orchard, its zoological garden, in which are alligators, deer, squirrels, prairie dogs, parrots etc.; its elegant shade and its thousands of palms, ferns and other tropical trees and plants.

Down in a ravine is a flowing spring where a hydraulic pump is kept constantly going, supplying the tanks with water. According to J. J. Hess, one side of the spring is cold and the other side warm. To prove it you first try one side, then the other, and by some automatic arrangement you get a spray of crystal spring water full in the face.

The day was well spent, and we proceeded homeward after being shown through one of the largest vineyards in the state with a wine cellar 200 feet long, twenty-five feet below the surface, and with a natural temperature of 45 degrees. This cellar is filled with barrels of home-made wine from seven to ten years old. But it was too bad we were all temperance (?) after seeing this grand cave. Still we got home well and happy, and the trip will long be remembered. L. H.

TORONTO AND RETURN, $12.40.

On account of the Toronto Exposition, the Wabash Road will sell excursion tickets from Chicago, August 25 to 28, at one fare for the round trip as above. Tickets will be good to return leaving Toronto not later than Sept. 10. Fast through service. For further particulars write F. A. Palmer, A. G. P. A., or call at city ticket office, 97 Adams street, Chicago.

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PLANTS AND ROOTED CUTTINGS.

Send for Descriptive Circular and Prices of the BEST Hose Nozzle for Florists' Use.

	Per 100
Asparagus Plumosus, 2¼-inch	$5.00
Asparagus Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Begonia Rex, 2¼-in.	4.00
" " 3-in.	6.00
" " 3½-in.	8.00
Baby Primrose, 2¼-in.	4.00
Cyperus (Umbrella Plant) 2¼-in	4.00
Dracaena Ind., 3-in.	6.00
Dracaena Ind., 5-in.	$25.00
" " 6-in., extra.	50.00
Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in.	6.00
Fuchsias, 2¼-in. $3.00; 3-in.	4.00
Geraniums, Ivy, 3½-in.	4.00
S. A. Nutt, Double Grant, La Favorite, Elizia, Glo. de France, etc, 2¼-in.	3.00
Happy Thought, 2¼-in.	4.00
Double New Life, 2¼-in.	6.00
Heliotrope, 2-in., $3.00; 4-in.	$6.00
Hydrangea, pink and white, 2¼-in.	5.00
Impatiens Sultani, 2¼-in.	3.00
Lemon Verbena, 2-inch	3.00
Var. Trailing Abutilon, 2¼-in.	4.00
Violets, Farquhar, 2¼-in.	2.50
" " 3in.	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00

ROOTED CUTTINGS. Per hundred.

Anthemis Cor., (Dble. Yellow Marguerite)	$1.50
Begonia Rex	2.00
Forget-Me-Not, winter flower	$2.00
Geraniums, sweet, in variety	1.50
Named	1.50
Vinca	$ 1.25
" per 1000	10.00
Snow Crest Daisy	2.00

Write us for prices on 1,000 lots. Terms — Cash or C. O. D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

FIRST QUALITY FORCING ROSES. Reduced Prices TO CLOSE OUT.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

AMERICAN BEAUTY, METEOR, BRIDESMAID, SAFRANO, BON SILENE, PERLE, KAISERIN, MAID OF HONOR, BRIDE,

3-inch pots, $5.00 per 100; 4-inch pots, $8.00 per 100.

Grafted Roses. MAID OF HONOR, GOLDEN GATE, 3½-inch pots, $15.00 per 100. LIBERTY, 4-inch pots, $8.00 per doz.; 50 plants for $24.00.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

Roses=To Close:

		Per 100	
140 Perles	3-inch,	$3.50	
250 Perles	2½-inch,	3.00	Per 1000
1000 Bridesmaids	2½-inch,	2.50	$20.00
1200 Golden Gates	2½-inch,	2.50	20.00

PHŒNIX CANARIENSIS, 5 and 6-inch pots, $2.50 per doz.; $20.00 per 100.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

Good Strong ....Stock

		Per 100
5000 Mixed Geraniums	2¼-in.,	$1.50
2000 Named "	"	2.00
5000 Chinese Primroses, white, red, pink and blue	"	2.00
2000 Begonias, mixed	"	1.50
1000 Red Vernon	"	1.50
1000 Erfordi	"	1.50
1000 Asparagus Sprengeri	3-in.,	6.00
500 Nice Rex Begonias, mixed	4-in.,	10.00
Calla Bulbs, 1½-in.		7.00
Pansy Seed, Giant and Fancy mix		$4.00 per oz.

THE MORRIS FLORAL CO.
MORRIS, ILL.

ROSE PLANTS IN PERFECT CONDITION.

A GOOD BARGAIN to make room.

Meteors, 3½-inch	$3.50 per 100.
Brides, 3-inch	3.00 "
Brides, 3½ and 4-inch	4.00 "
Perles and Maids, 3-inch	3.00 "
Beauties, 3-inch	3.50 "
Beauties, 3¼ and 4-inch	5.00 "

BROWN & CANFIELD, Springfield, Ill.

WRITE US

For prices on the following Everblooming Roses in 4-inch pots, healthy and well grown: Bride, Bridesmaid, Golden Gate, Kaiserin Augusta, La France, Meteor, Mme. Caroline Testout, Perle des Jardins, Papa Gontier, Safrano, President Carnot, Muriel Graham, Souv. de Wootton, by the hundred.

HOOPES BRO. & THOMAS.
Maple Avenue Nurseries, WEST CHESTER, PA.

Mention The Review when you write.

We Still Have to Close Out Cheap

2500 Maids, 2½-in. 500 La France, 2½-in.
1000 Perles, 2½-in. 1000 Meteors, 3-in.
500 Am. Beauties, 2½-in. 500 Kaiserins, 2-in.

Boston Ferns, now ready for 5 and 6-in. pots.

WRITE FOR PRICES.

GEO. A. KUHL, PEKIN, ILL.

3000 Meteor Plants

3½-in. pots, per 100, $3.00; per 1000, $25.00. Big, strong and in prime condition. Although the season is well advanced, with these plants there is a reasonable chance of success.

BRANT & NOE, Forest Glen, Chicago, Ill.

SURPLUS STOCK OF.. ROSES. Strong Plants from 3-in. pots

1100 American Beauties	$10.00 per 100
500 Brides	4.00 "
400 Bridesmaids	4.00 "
450 Golden Gates	6.00 "
550 Meteors	6.00 "
300 Meteors, 2½-in pots	5.00 "

CASH WITH ORDER.

WM. CLARK, Colorado Springs, Col.

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

Mention The Review when you write.

Chrysanthemums ...

Now is the time to plant them. We offer extra fine vigorous plants from 2 and 2½-inch pots. Everybody likes them. They are so strong and healthy that they surprise all of our new customers; our old customers, of course, always know what to expect, but even they occasionally tell us that our stock is getting better all the time.

Following is a partial list.

Early.	Per 100	Mid-season.	Per 100
Ivory	$3 00	Major Bonnaffon	$3.00
M. Henderson	3.00	Wm. Simpson	3.00
Geo. S. Kalb	3.00	V. Morel	3.00
Merry Monarch	3.00	G. W. Childs	4.00
Willow Brook	4.00	H. W. Longfellow	3.00
M. de Montmort	3.00	Mrs. Murdock	3.00
Mrs. J. Whilldin	3.00	Mrs. T. L. Park	6.00
John K. Shaw	5.00	Black Hawk	4.00
Golden Trophy	3.00	Mrs. C. H. Peirce	3.00
Glory of the Pacific	3.00	Mrs. H. Robinson	3.00
		Niveus	3.00

Late	Per 100		Per 100
Mrs. J. Jones	$4.00	Nagoya	$6.00
Liberty	4.00	Xeno	6.00
Merry Xmas	4.00	Adula	3.00
Autumn Glory	3.00	Harry Balsley	3.00
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Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

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A. sprengeri, 2-in., $5.00 per 100, $40.00 per 1000; 4-in., $1.50 per doz., $12.00 per 100; 6-in., $4.50 per doz., $35.00 per 100. A. plumosus nanus, 2-in., 75c per doz., $6.00 per 100, $50.00 per 1000. H. A. Dreer, 714 Chestnut st., Philadelphia.

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Asparagus Sprengeri, strong plants, 2½-in., $3.00, strong 3-in., $4.00 per 100. A. plumosus nanus, extra strong, 2½-in., $5.00 per 100.
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Asparagus plumosus nanus. Heavy 10 ft. strings 50c per string. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

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A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
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A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
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Boston Ferns. Out of 10 inch pans, $1.50 each; out of 8 inch pans, 75 cts. to $1.00 each; out of 4 inch pots, $25.00 per 100. Pteris Cretica Albo Lineata from 2¼ inch pots, $3.00 per 100; $25.00 per 1000. Cash with order. Peter Denyse, Jr., 79th St. and 6th Ave., Brooklyn, N. Y.

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Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
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Fuchsias. Strong 4-in., $1.00 per doz.; 2 and 2½-in., $1.50 per 100. Cash.
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Gardenia Florida, strong, healthy plants, 5-in. pots, $15.00 per 100. 2½-in., extra strong, $4.00 per 100. Cash or C. O. D.
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10,000 Bruanti (dbl. scarlet), and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders, strong 2½ and 3-in., only $1.50 per 100. Bear in mind this is only the price of rooted cuttings; you can't buy them for double this price in a month. Cash.
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Hardy Ivies, 3 feet high, bushy plants, $3.00 per doz. John Reck, Bridgeport, Conn.

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" "	3-4	12-18	4	4.00	33.00
" Bel.,	4-6	15-18	6	10.00	90.00
" "	5-6	12-18	5	7.50	60.00
" "	3-4	12-15	4	4.00	35.00
Areca Lut.,	3-5	18-24	6	5.00	45.00
" "	3-4	12-15	4	3.00	28.00
Phoenix Can.,	4-6	12-15	5	5.00	35.00
" "	2-4	10-12	4	2.50	20.00
Pandanus Utilus,		15-18	6	6.00	50.00
" "		10-12	3	1.50	10.00
Livistona Rotundifolia,			4	3.25	25.00
" "			5	5.00	40.00

H. W. Buckbee, Rockford, Ill.

For Sale. Large Palms in excellent condition. As they are too large for our conservatory, we offer them at a very low price. One Areca Lutescens, height 17 feet, specimen plant. Two Kentia Belmoreana, height 8 feet, specimen plants. One Latania Borbonica, height 10 feet, 10 feet diameter in crown, specimen plant. Two Seaforthia Elegans, height 12 feet, very fine plants. Two Oreodoxa Regia, height 13 and 14 feet. Write for particulars and prices to Youmans Bros.' Conservatory, G. A. Sellenthin, Florist, Winona, Minn.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Sago Palms. Fine plants in all sizes. Per doz., 5 to 7 leaves, $6.00; 7 to 9 leaves, $9.00; 9 to 12 leaves, $15.00. Cash. Can be sent safely by express. Satisfaction guaranteed.
Critchell's, Cincinnati, O.

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The palms and decorative plants that I have to offer for the coming season are now in splendid condition, fully up to the high standard my plants have attained for condition and hardiness. Price lists now ready and mailed free on application.
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Fresh seeds and in fine condition. Kentia Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Phoenix canariensis, elegant stock, 4½ to 5-in. $20.00 per 100. Chamaerops excelsa, 5-in., $25.00, 4-in., $20.00 per 100. J. B. Heiss, Dayton, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Phoenix canariensis, 5 and 6-in., $2.50 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Areca lutescens, Kentias Belmoreana and Forsteriana. Jos. Heacock, Wyncote, Pa.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

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For Pansy Seed see under heading "Seeds."

Herr's pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100, 250 for $1.50, 500 for $2.50; by express at your expense $4.00 per 1000. A. M. Herr, Lancaster, Pa.

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500 petunias, dbl. white, 2½-in., $2.00 per 100.
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Improved Chinese, known as the finest large flowering fringed varieties grown. Ready for 3-in. pots. Singles, named, $2.00 per 100; $17.00 per 1000; Double, named, $3.50 per 100. Extras added to help pay expressage. Strictly cash.
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Chinese primroses. 50,000 finest large flowering fringed, $2.00 per 100, $17.00 per 1000. Obconica grand. fimbriata Rosea (ready Sept. 1) and Forbesii, $2.00 per 100. Cash please.
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Primula chinensis from flats, strong plants, six colors, mixed, $1.50 per 100; from 2-in. pots, $2.00 per 100. Cash with order. H. Stahlhut, New Lots and Shepherd Ave., Brooklyn, N. Y.

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ROSES.

ROSE PLANTS.	Per 100.	Per 1000.
American Beauty, 2½-in.	$5.00	$45.00
Meteor, 2½-in.	3.00	25.00
Bride, 2½-in.	3.00	25.00
Bridesmaid, 2½-in.	3.00	25.00
Perle, 2½-in.	3.50	30.00
American Beauty, lifted from benches		35.00

A1 Stock. Best in market. Wietor Bros., 51 Wabash Ave., Chicago, Ill.

Reduced prices to close out. American Beauty, Meteor, Bridesmaids, Safrano, Bon Silene, Perle, Kaiserin, Maid of Honor and Bride, 3-in., $5.00; 4-in., $8.00 per 100. Grafted roses—Maid of Honor and Golden Gate, 3½-in., $15.00 per 100; Liberty, 4-in., $8.00 per doz.; 50 plants for $24.00. J. L. Dillon, Bloomsburg, Pa.

A bargain for somebody. 4000 roses, all Bridesmaids, 3-in. pots, $6.00 per 100. This stock is worth one-third more money. Joseph Bradbury, Irvington Ave., So. Orange, N. J.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. Maid, Bride, Perle, 3½-in., $8.00, 4-in., $10.00. Also Sunset, Meteor, Morgan, Mermet, La France, Niphetos, Kaiserin, Golden Gate, Maid of Honor. Grafted Bride, large 4-in., $20.00 per 100. A. S. MacBean, Lakewood, N. J.

Everblooming roses in 4-in. pots, healthy and well grown. Bride, Bridesmaid, Golden Gate, Kaiserin Augusta, La France, Meteor, Mme. Testout, Perle des Jardins, Papa Gontier, Safrana, Pres. Carnot, Muriel Graham, Souv. de Wootton. Write us for prices. Hoopes Bro. & Thomas, West Chester, Pa.

Surplus stock of roses. Strong plants from 3-in. pots. Per 100: 1100 Am. Beauties, $10.00; 500 Brides and 400 Bridesmaids, $4.00; 450 Golden Gates and 550 Meteors, $6.00; 300 Meteors, 2½-in., $5.00. Cash with order.
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Roses. Brides and C. Souperts, 2½-in., $3.00 per 100, $25.00 per 1000, 3-in., $5.00 per 100, $45.00 per 1000; Maids, 2½-in., $3.00 per 100, $25.00 per 1000; Am. Beauties, 3-in., $8.00 per 100, $75.00 per 1000.
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Surplus rose stock in first-class condition. Cash with order. 1200 2-in., Golden Gates, at $2.00 per 100; $18.00 per 1000. 100 3-in., Golden Gates, $3.00 per 100. 270 2-in., Brides, $1.75 per 100. As long as they last.
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W. B. Sands, Lake Roland, Baltimore, Md.

20,000 strictly A1 Brides, Perles, Meteors, Maids and Golden Gates, 3½ and 4-in., only 4c, worth 10c. The same in 2½ and 3-in. only 3c, cheap at 6c. Cash.
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A bargain. Per 100: Meteors, 3½-in., $3.50; Brides, 3-in., $3.00, 3½ and 4-in., $4.00; Beauties, 3-in., $3.50, 3¼ and 4-in., $5.00; Perles and Maids, 3-in., $3.00. In perfect condition.
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Will sell the following cheap to close out: 2500 Maids, 1000 Perles, 500 Am. Beauties, 500 La France in 2½-in.; 1000 Meteors in 3-in. and 500 Kaiserins in 2-in.
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Meteors and Perles, extra fine stock, 3-in., $3.00 per 100; $25.00 per 1000. Also Maids and Brides, 3-in., same price.
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Good celery plants at almost same price as poor ones. Strong transplanted plants reduced to $1.50 per 1000; 20c per 100, cash. Do not confound these plants with cheap plants pulled up from where sown. Try ours and see the difference. Special price on large lots. Varieties: White Plume, Boston Market, Golden Self-blanching and Dwarf Red. Sample 5c. R. Kilbourn, Clinton, N. Y.

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BUFFALO.

We Kept Cool.

It is only justice to our city to mention that during last week's torrid season which spread over all the northern part of the continent, while fifteen of the largest cities were roasting in a temperature of from 92 to 100 degrees, all of them, Buffalo could not boast of a higher count than 82 degrees, and we thought that was very warm. We awoke yesterday morning with the sensation of the passengers of a steamer that had just left the gulf stream and entered a flow of icebergs; a little sudden, but we can stand it.

The Picnic.

The picnic came off last Wednesday. We were threatened with having our fun spoiled by a thunderstorm, but it blew over. The game of ball, city boys versus Scott's team, ended in favor of the latter by a score of 15 to 4. Capt. W. Belsey Scott had had his men under severe practice, while Capt. Greevors of the city team had not the same opportunity. The old veteran, Louis H. Neubeck, handled the erratic pitching of Greevor in fine style, but kicked at so many balls in the dust.

Mr. Greevor won the young men's foot race. W. F. Kasting won the fat men's sixty-yard handicap in fine style and just nabbed Buxton on the post.

W. Scott won the old man's race, securing a fine pair of suspenders, which he badly needed. D. J. Scott won the hop, step and jump. The winner of the errand boys' race I failed to record, but his winning the race is no indication that he will go as fast when delivering.

About sixty sat down to a very nice spread in the clubhouse of Ossian Bedell, and President Kasting made a graceful little speech, and a few words from W. S. on convention and Pan-American concluded that part of the programme. And then the young folks took to the two, three and four step. The Bedell House is a most beautiful and respectable resort.

We were very much pleased to have with us Mr. and Mrs. E. E. Pieser of Chicago. They are doing the sensible thing, taking a long and easy vacation. "Charley's Aunt" looks happy and Mrs. P. looks radiant.

The Convention.

There will be a good delegation from here to the convention, but they will go on the installment plan. It will be a great and memorable convention and withal an instructive one, for we shall doubtless see a great show.

Sports.

"My attention has been called to a journal which I never read," in which there are some comments about the lavish amount of cups devoted to bowling. It's the same old story. Some have no sympathy with sports and games. Don't discourage those who

feel like giving prizes to the bowlers and shooters, but encourage similar donations for horticultural displays. The bowling feature has not interfered in the least with the sessions or aims and objects of the convention, and the interest taken in them brings at least seventy-five people to the convention who would not be there otherwise.

The love of sport and athletic games is most prominent in the life of the greatest and strongest nations of the world, as well as in the character of the people. Lord George Bentick, the greatest racing man the world ever saw, dropped it suddenly to fight the repeal of the corn laws, and became the most eloquent and able champion, but, thank God! free trade prevailed! Lord Palmerston after one of his great speeches used to retire to the lobby of the House of Commons and have a fifteen-minute chat with John Day, his trainer, about what horse he was going to start for the Goodwood stakes, Chester cup or Doncaster St. Ledger.

You must have some game and sport in you or your character is lop-sided, or rather top-heavy. The man who has no liking for sports deserves sympathy as much as the poor fellow who lets games and gambling occupy his whole thoughts. W. S.

Pan-American Progress.

The weather for the past month has been rather dry on the whole, yet it has been very favorable for the development of the ground. But few hours have been lost since opening of spring on account of wet weather. Since my last notes a great deal of finishing has been done to that portion of the ground lying south and east and west of the Mirror Lakes. Many acres near the Elmwood avenue entrance are now in a most complete state. Flower beds are prepared and the grass, the sowing of which has been going on every day this summer, now gives this portion of the grounds a most finished and beautiful appearance. The rapidity and luxuriance with which the grass grows has been a revelation to our citizens and all visitors. Mr. Rudolph Ulrich has a large staff of men constantly seeding, and another gang continually following with the hose, and their labor is well rewarded.

People who doubted that the immense amount of work to be done and the large expanse of territory could be finished now feel assured that there will be no difficulty in getting all of the ground in order by the opening day. The Sunken Gardens in front of the Horticultural and Government Buildings respectively are excavated. The fancy garden on each side of the large basin, known as "The Cascades" is now surfaced and the banks will soon be green. This is in the very center of the building region. The bottom of the Canal and Lakes have been covered with two inches of broken lime stone, which insures their being what their names implies, "Mirror Lakes," and not muddy pieces of water. The United States Government is making a large display of ornamental and economic grasses that are useful and hardy in this latitude. Several of our leading seed-houses have secured plots of ground varying from 1-8 to 1-2 an acre and are having them seeded and will ornament with floral beds.

At the south border of the Mirror Lakes and also in the many inlets and bays on both sides of the fore court and grand approach are planted 1,400 nymphæas, with a few groups of nelumbiums. Clay banks, or dams, have been made to retain 18 inches of water for the accommodation of these aquatics. They are the exhibit of Mr. Henry A. Dreer of Philadelphia and if in one area would cover about an acre and a half of water. They must make a magnificent appearance from the banks on both sides of the lake. They are already making good growth, which assures us of a magnificent display next year.

Work is progressing finely on all the buildings. The Propylaea, the most northern direction of the grounds, is nearly completed. The Electricity Building, Agricultural Building, Graphic Arts, Forestry and Mines, United States Government Building, all are going up. The two largest buildings, which are the Machinery and Transportation and Manufacturers and Liberal Arts, each 350 ft. by 500 ft., will soon be roofed in.

A remarkable feature of this Exposition is the immense interest and confidence displayed by the leading amusement people of the world. It is a fact that the amusement, or Midway features, will entail a larger outlay of money than the whole of the Exposition at Omaha cost. To accommodate the many remarkable novelties that will be exhibited they will now occupy the grounds to the south of the Mall and extending south below the Horticulture Building. Many of these attractions and features of amusement are to be on a most extensive scale, and this is at the risk of the concessionaires. It shows what confidence they have in the prospective attendance.

The half million dollar Art Gallery, the gift of Mr. J. J. Albright, is going up rapidly. This is situated in the park proper overlooking the lake. The New York State Building is also in the park at the northwest corner and is also being rapidly built. A magnificent new boat house and refectory will be built in the park proper and a new bridge spanning the lake between the north bay and the large bay, at a cost of $50,000. These are permanent improvements. Beautiful as the grounds of the Pan-American Exposition already appear, the visitor can form but little idea of what it will be, because there is at present a high board fence separating the acquired ground for the Exposition proper from the park. When this is torn down and the one hundred acres of beautiful park scenery is part then of the whole, it will be seen what an immense advantage it is to have the park a part of the exposition. WM. SCOTT.

KANSAS CITY, MO.

For the first time this year we are now having a severe dry time of it, and with the increase in temperature has almost paralyzed business.

The present month of all months would seem to be the most unsatisfactory for the florist. There are but few good flowers of any kind in the market; among the best are field grown carnations, which retail as high as 50c per dozen. Asters are beginning to make their appearance. A box of these flowers recently received by Arthur Newell from New York state did not average better in quality than those home grown.

There is no lack of enthusiasm among the boys over the coming convention, and many would go if the distance were not so great. We intend to have at least one good representative there from Kansas City. Arthur Newell, wife and family, will leave here Wednesday for Chicago, where they will take the boat for Mackinac. Mrs. Newell and children will remain there while the "old man" goes to New York to attend the convention. Always keenly alive to grasp the latest improvements in floriculture, we shall expect to see great results from this trip, next season.

Several years ago a few ranges of greenhouses were built here for the forcing of early vegetables. These products have of late years been shipped in here from Texas and other points in such large quantities, rendering the further production under glass unprofitable. August Luther, who has supplied this market with table delicacies for the past twenty years, will remodel his 10,000 feet of glass and hereafter grow cut flowers. Arthur Thornhill, another gardener, will do likewise. These gentlemen are enterprising and their decision is a wise one, as good revenue awaits those who can produce good cut flowers for this part of the country.

H. J. M.



THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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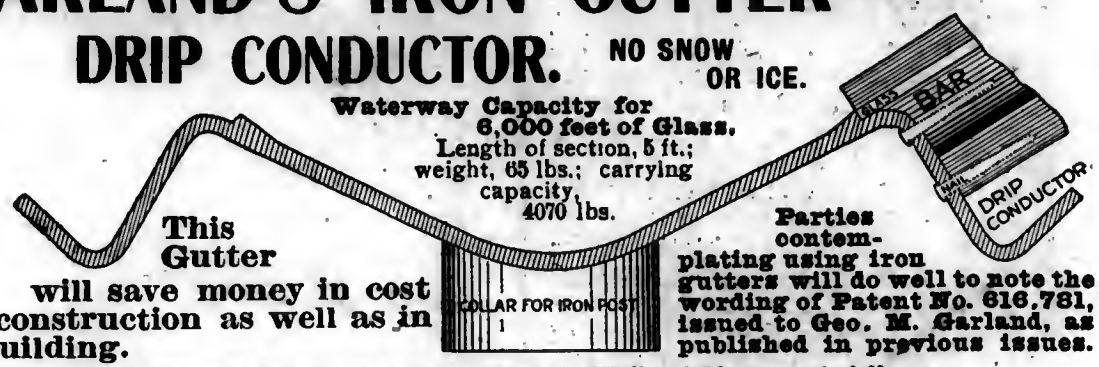
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THE BOWLING TOURNAMENT.

In a communication from President Kift of the N. F. B. L. we are advised that there will be no entrance fee required of clubs entering for the contest at New York, at least so far as the N. F. B. L. is concerned. But the "sweepstakes" prizes are of course open only to these clubs that contribute toward the fund. It cannot be determined just how this fund is to be divided until the representatives of the contributing clubs meet in New York.

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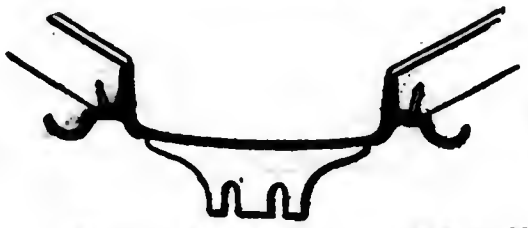
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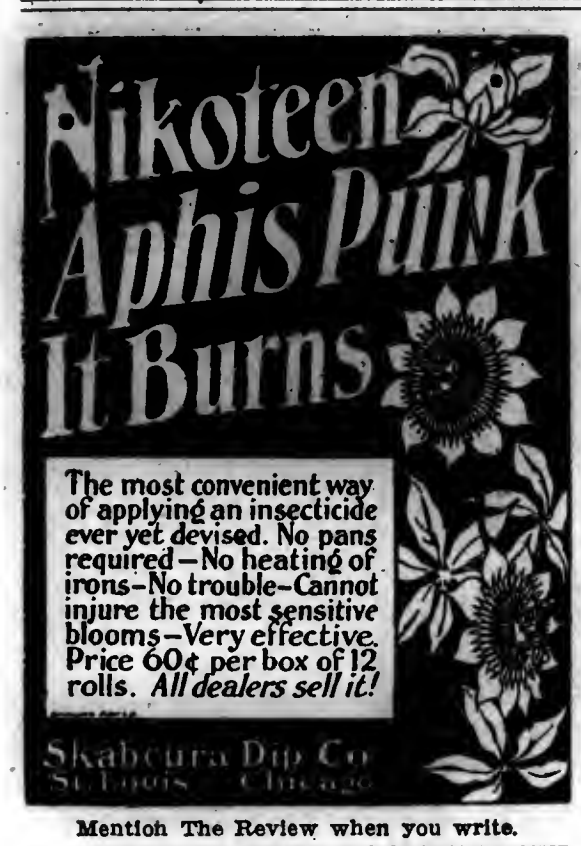
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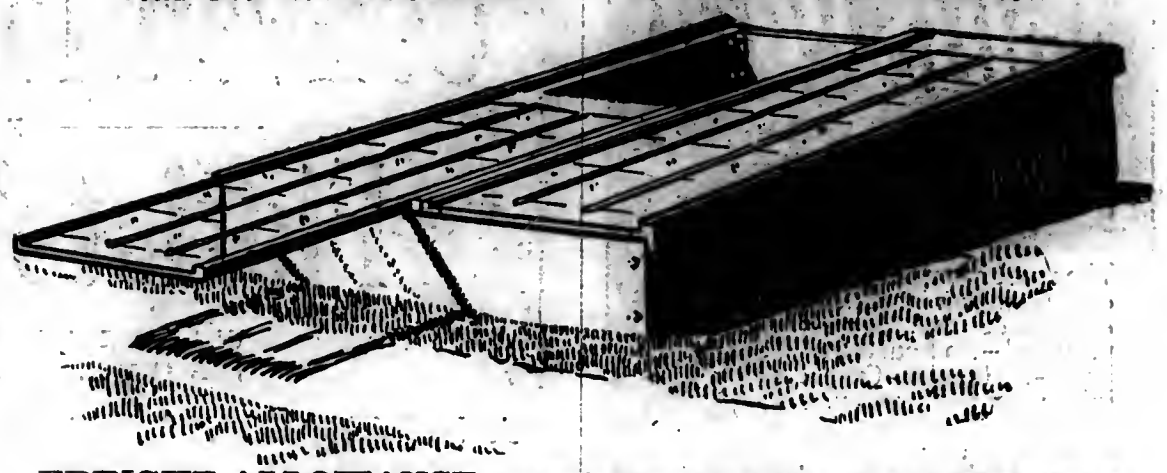
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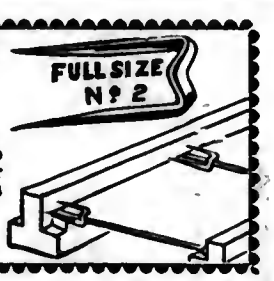
KEAP STREET GREENHOUSES,
BROOKLYN, N. Y., March 23, 1900.
MESSRS. THOS. W. WEATHERED'S SONS,
46 and 48 Marion Street, New York City.

GENTLEMEN:—I purchased from you last September, one of your Sectional Hot Water Boilers for my greenhouse at Flatbush, and was so well pleased with the results that I bought another one for my Keap Street Greenhouses, taking out another make. Anything I might say would not be too high praise for your boilers. They work perfectly, and I am pleased to say that so far I have saved in coal one-half of the cost of the boilers. They will therefore pay for themselves in another year, a result which I consider remarkable. I would be pleased to reply to anyone desiring the actual proof of above.
Yours very truly, Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

Conservatories, Greenhouses, Etc., Erected complete of our Patent Iron Frame Coustruction, or of Wood and Iron combined, or Wood alone. **Hot-Bed Sash, Frames, etc. Conical Boilers, seven sizes, and Self-Feeding Boilers for Small Conservatories. Established 1859. Send 4 Cents Postage for Illustrated Catalogue.**
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Holds Glass Firmly
See the Point ☞ The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cents, postpaid.
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GREENHOUSE BUILDING
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HOT WATER BOILERS, PIPES AND FITTINGS
SEND FOUR CENTS FOR CATALOGUE

Thou blushing Rose, within whose virgin leaves,
The wanton wind to sport himself presumes,
Whilst from their rifled wardrobe he receives
For his wings purple, for his breath perfumes.

Blown in the morning, thou shalt fade ere noon;
What boots a life which in such haste forsakes thee?
Thou'rt wondrous frolic, being to die so soon,
And passing proud a little color makes thee.

If thee thy brittle beauty so deceives,
Know then the thing that swells thee is thy bane!
For the same beauty doth in bloody leaves
The sentence of thy early death contain.
—SIR RICHARD FANSHAWE.

SPECIAL CONVENTION NUMBER.

FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, AUGUST 23, 1900. No. 143.



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Full assortment of separate colors ready now New crop of high-grade Flower Seeds constantly arriving.

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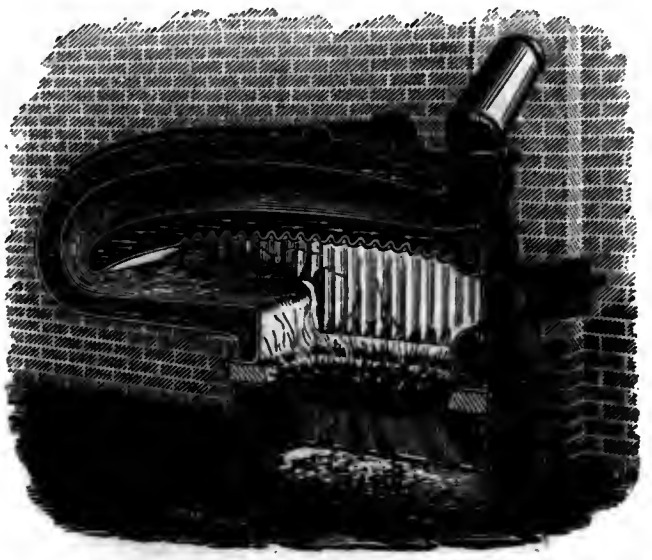
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Carnations	1.00 to 1.50
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
Valley	3.00 to 5.00
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Full line of Field Grown Carnation Plants to offer.

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" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
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Rubber Aprons, ea. $1.50; per doz	15.00

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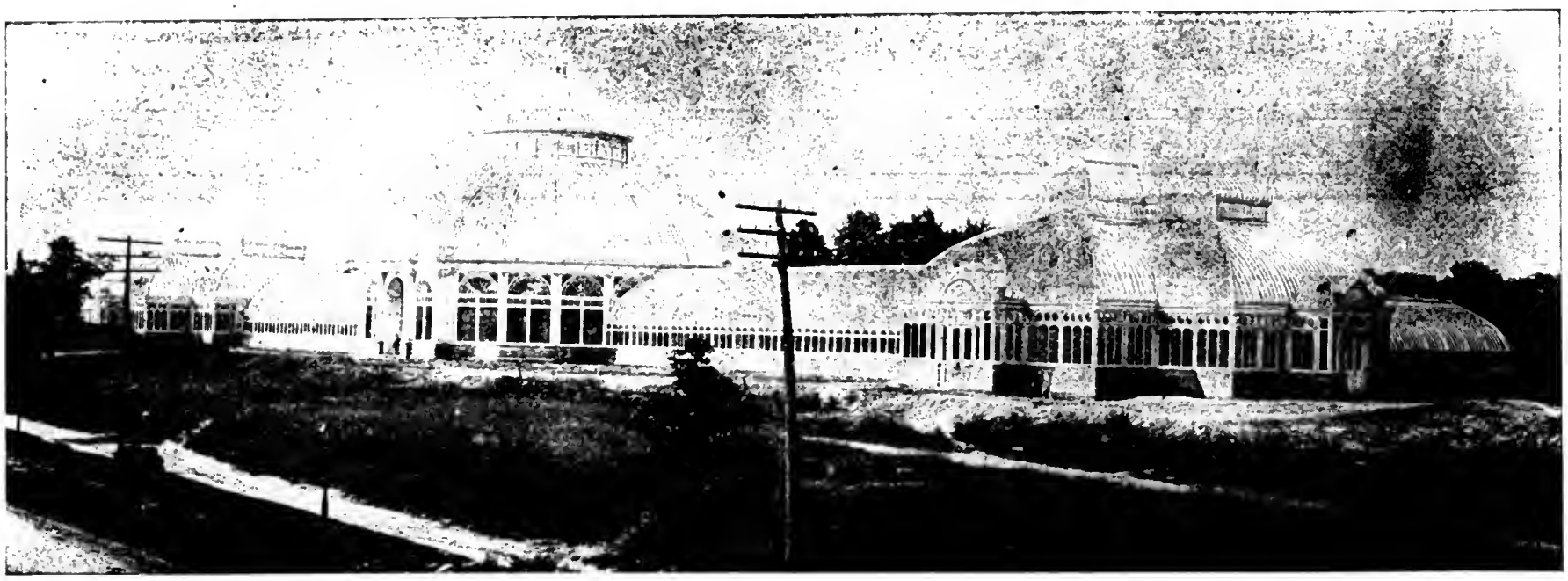
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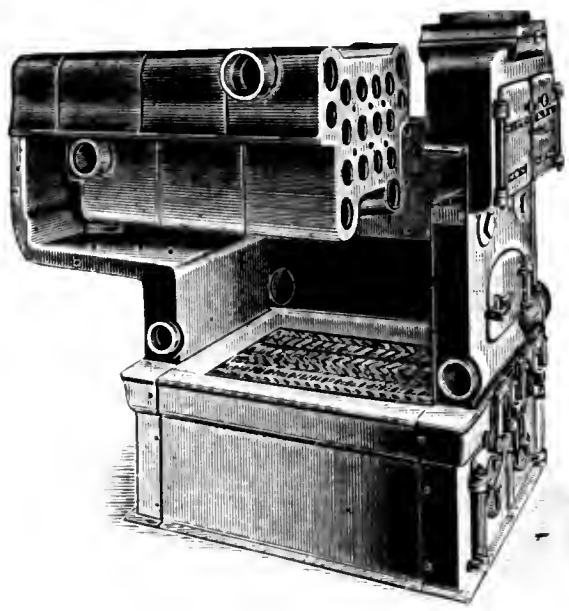
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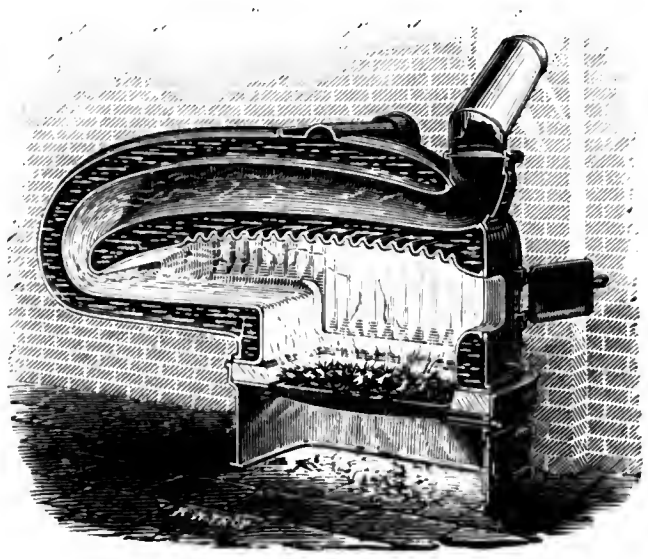
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Kentia Forsteriana, per 1,000, $4.00; 5,000 to 10,000 at $3.50. 10,000 and over at $3.00.

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Arrived fresh from the woods in fine condition—Lælia Crispa, L. flava, L. grandis tenebrosa, L. Perrinii, Oncidium Varicosum Rogersii, Cattleya Percivalliana, C. Mossiæ, Lælia Anceps and L. Autumnalis.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

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Pansies Worth Raising.

SEED AS USUAL.

3-16 oz. $1.00; 1 oz. $4.00.

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HERR'S PANSIES.

ALWAYS THE BEST AND BETTER EVERY YEAR.

They sell themselves. Try a hundred as an experiment.

Plants only, and ready from Oct. 1st to Jan. 1st.

Free by mail—**75c** per 100; 250 for **$1.50**; 500 for **$2.50**. By express at your expense, **$4.00** per 1000.

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DO YOU WANT THE FINEST PANSIES?

The Jennings' Strain will produce them. My 1900 Strain is sure to give the highest satisfaction.

Finest Mixed, **$1.00** per package; **$2.50** per half ounce; **$5.00** per ounce. Separate colors, 50c per package.

E. B. JENNINGS,
Lock Box 254. SOUTHPORT, CONN.
GROWER OF THE FINEST PANSIES.

Zirngiebel..... Giant Pansies.

Market and Fancy varieties are the leading strains to date for size and colors.

For sale in trade packages at one dollar each either strain.

Full directions with every package.

New crop seed after July 1st.

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WIRE DESIGNS

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THE NEW YORK CONVENTION

ATTENDANCE A RECORD BREAKER.

A Great Convention and a Great Exhibition in Grand Central Palace.

NEW YORK SETS A FAST PACE IN THE WAY OF ENTERTAINMENT.

Officers for 1901 are: President, Patrick O'Mara, New York; Vice-President, W. F. Kasting, Buffalo, N. Y.; Secretary, Wm. J. Stewart, Boston; Treasurer, H. B. Beatty, Oil City, Pa.

BUFFALO NEXT YEAR.

The New York convention certainly broke all records both as to attendance and the extent of the exhibition. It was not only a large gathering but a truly representative one, delegates being present from nearly every state, one or more having crossed the continent to be present.

The weather was delightfully cool and comfortable on the opening day, and promptly at 9:30 a. m., Tuesday, the convention was called to order by President O'Mara of the New York Florists' Club, in the audience hall of the Grand Central Palace, which had been elaborately decorated for the occasion. The ceiling was entirely hidden by oak boughs and the supporting columns covered with wild smilax, in which spikes of gladioli had been freely inserted. The walls were almost entirely obscured by masses of decorative plants in great variety, and the bases of the platform columns were covered by masses of hardy hydrangea flowers.

Mr. O'Mara in a few words introduced Acting Mayor Guggenheimer, who spoke as follows:

Mr. President, ladies and gentlemen:—This opportunity which has been given to me, in my capacity as Acting Mayor, of welcoming the members of the Society of American Florists and Ornamental Horticulturists to the City of New York affords me very great pleasure. Indeed we have only one complaint to make against an association whose growth and prosperity have always been so closely identified with the Empire State. It is now eleven years since you held your annual meeting and exhibited, in this metropolis, the perfection of your horticulture and Nature's wonderland of flowers. We trust, and in saying so I represent every class in this great community, that your next interval of absence will be materially shortened. The people of New York are proud of the city which you have this year selected for your meeting. In fact we are never tired of reciting its praises. We are not unaware of the marvellousness of its growth and enterprise. To-day it is the gateway of the wealthiest, because the most productive country of the world. In a few years it will be the greatest city upon the earth, in wealth, in area and population. That is our manifest destiny. We face the rising sun of promise and prosperity and turn our backs upon nothing American.

But our great houses of trade, our public buildings and splendid residences, in fact every home in our enlarged city would be sordid and unlovely but for the touch of the landscape gardener in unexpected places and the unpainted loveliness of God's flowers, the sweetest things that breathe on earth and yet have no souls to recognize their own shy or imperial beauty.

Such art as yours is universal. It is like the boon air or the sunshine. It cannot be confined to the gardens and conservatories of the rich. It glorifies our public parks with such natural loveliness that the little children from the tenements, who play there in the sunshine, learn imperishable lessons of form and color from the exquisite growths of nature that exult everywhere in their spring and summer pride. It beautifies the windows and rooms of all who love the odorous handiwork of nature, and transforms many a poorly furnished home into a palace of delight.

Therefore, ladies and gentlemen, I welcome you to this city because the art which you represent appeals to the heart and imagination of every man, woman and child in this community.

This was responded to on behalf of the society by Mr. Edgar Sanders, of Chicago, who expressed warm appreciation of the cordial welcome, and spoke of the New York exhibitions in which he had participated during the period extending from 1853 to 1857, when he was a resident of Albany. He made a touching reference to the recent passing away of Louis Menand, whom he had known well in the early days.

President Wood then read his address as follows:

President Wood's Address.

Ladies and gentlemen, members of the Society of American Florists and Ornamental Horticulturists:

I am profoundly sensible of the high honor which has been conferred upon me as the presiding officer of this great convention of American florists, the greatest in the society's existence. We meet at this, our sixteenth annual convention, under the most encouraging and hopeful auspices. We meet in Greater New York, the empire city of America, at the closing and opening of a century. In a city receiving and distributing, as she does, three-fourths of the entire imports of the country, having within her harbor nine-tenths of the tonnage that on this side of the sea seeks an entrance, receiving, housing and caring for seven-eighths of the immigration that reaches our shores, her interests are more extended and universal than those of any other city in the land.

The increase in floriculture and horticulture in this city and indeed throughout the United States is unparalleled. Here are practically forty commonwealths, trading with each other, without let or hindrance, without custom duties, in climates having products so varied and endowed with such resources, natural and acquired, as have no parallel anywhere in the world; unfettered by trusts; with opportunities at every hand.

As one of the greatest and grandest thinkers of New England (Emerson) said: "We live in a new and exceptional age." America is another name for opportunity. Its whole history shows it to be the last, best gift of God to man. Is there anything more uplifting or glorious than those words or more fascinating to stimulate in floriculture and horticulture the ambitions of youth?

"The cultivation of flowers," says a writer, "is of all the amusements of man, the one to be selected and approved as the most innocent in itself and most perfectly devoid of injury to others; the employment is not only conducive to health and peace of mind, but probably more good-will has arisen and friendship has been founded by the intercourse and communication connected with this pursuit than from any other whatsoever. The pleasures, the ecstacies of the horticulturist are harmless and pure; a streak, a tint, a shade, a perfume becomes his triumph, which, though often obtained by chance, or by the honey bee for him, are secured alone by morning care, by evening caution, and the vigilance of days; an employment which in its various grades excludes neither the opulent nor the indigent, and teeming with boundless variety, affords an increasing excitement without contention or ill will."

Flowers usher man into the portals of a higher, nobler and sweeter life. The growth of flowers, their distribution, their uses are for all and not for the favored few. It is with pleasure that I witness the advancement, not only in the use of flowers, but in the art and in the broadening influences which they inspire. What credit for the love of them is due to the common school, to the educational influences of colleges and other institutions of learning, I know not, but the rapid increase in the wealth of the community has done its share. Last, and perhaps not least, we are indebted to the honey bee for a variety of benefits. Few people know or realize that much of the variety in plants, most of the colors in our garden, many of the perfumes on our toilet tables, much of the beauty on many of our canvases, a great deal of the poetry in our language, and even a considerable development of the beauty sense in ourselves, results from that rather mythical, historical incident dated an aeon or two back, when the young of the bee organized themselves into families and became in every sense of the word true vegetarians.

In this great city and state, and in many other states, the business of the

florist, of the grower of flowers and of other horticultural products, has graduated from the haphazard and shiftless methods of twenty-five years ago into a thoroughly comprehensive and systematic method where order and executive management are in absolute control; today it is not only a pleasure to visit some of the floral and horticultural establishments and see the beautiful plants and flowers, but it is also pleasant and instructive to note the excellent system, thorough organization and strict accountability.

Capital no longer shuns or fears, but seeks an investment in these industries as one of safety and profit.

This society has contributed much to educate the florist to more comprehensive ideas and methods, a forerunner of commercial integrity and honor. It has raised the industry from a plodding, grovelling one to the dignity of an art and to the equal of any commercial or manufacturing interest. It will compare favorably with mercantile or banking establishments, requiring the highest skill, executive ability and knowledge of the government of men. The florist, the horticulturist of today, is a man who by nature is a restless, changeful being. Were this otherwise, there would be no advance in floriculture or horticulture. He is tired of much of the old and is fond of the new things—new methods with brilliant effects—consequently he wants immediate results. We can safely prophesy that as time goes on he will become more and more of an interrogator and do more and more of his own thinkiug.

How little people think. This was expressed by a prominent gentleman at a public dinner in this city, when he exclaimed: "There are not two hundred people in New York City who think." This, however, is a pessimistic view. We come here, many of us or all of us, thoughtless of what we can best do to promote the welfare of the society. We come for a good time. Now, I do not object to a good time myself, and I infer from your iridescent faces that you do not. Perhaps we are not unlike the two boys who were saying their prayers together. One started to say the Lord's prayer and when he said "Give us this day our daily bread," the other nudged him and whispered: "We've had bread long enough; ask Him for pie."

The age is intense; it is active in all pursuits; its people are more sensitive and independent in thought, and it appears to me that some method must be devised to prevent the society from disintegrating into different organizations through devotees and lovers of special flowers by such action as shall provide all that they hope to receive from outside organizations. Unless this is done, it is not unlikely that we may address ourselves to diminished audiences, if not diminished members of the society.

What are the causes and what are the remedies? First, the society is not strong enough financially. This is the most serious cause. It can do little or nothing for its members to carry out their wishes, either by money or by exhibits or by premiums. It would be far better for the Society of American Florists if the devoted followers of special flowers contributed such sums of money as they now contribute or deem necessary for special exhibits to a general fund to be under the auspices and direction of this society. These could be known by such names as the Chrysanthemum fund, the Carnation fund or such fund as any particular contributor or contributors may designate for their special flower.

The Chrysanthemum Society, the Carnation Society, and last, but not least, the brightest jewel in the constellation—the queen of flowers—the Rose.

"Loviest of lovely things are they
On earth that soonest pass away;
The Rose that lives its little hour
Is prized beyond the sculptured flower."

Theodore Parker says: "Every rose is an autograph from the hand of God, on this world about us. He has inscribed his thoughts in these marvellous hieroglyphics which sense and science have these many thousand years been seeking to understand."

Every enthusiast in his love for a special flower wants a special organization. These societies never would have been organized but for the necessity of having means to develop, improve and advance the claims of their favorite flower. It seems to have been thought a necessity, if these flowers were to be improved, at the present time. I have the honor to be a life member of one of these societies—the American Rose Society—my heart is in the rose. Yet I do not approve of these special societies if it be possible to care for them in this organization. The instinctive and universal taste of mankind selects flowers for the expression of its finest sympathies and the universal heart of man blesses flowers. How much more is this sentiment developed in his favorite flower, the love for which burns with increasing brilliancy and strength. How difficult to hold in check the outside action which he takes to advance and improve its beauty and its variety, when the parent society is powerless to assist. How sad the spectacle which many of you witnessed of the bold enthusiast for his favorite flower, the rose, taking possession of the society's meeting at Detroit and appealing to its members to become subscribers for life membership, when the Society of American Florists and Ornamental Horticulturists was in need of funds itself. Not the faintest effort was made to obtain subscribers for this society at that meeting, and yet it is hard to blame the enthusiasts of rose culture. The remedy for it is to put money in the purse and expend it freely for the general good. There are other remedies. First, by organizing the society into an association, national, if possible, otherwise under state laws with power to hold property. Second, encourage auxiliary societies in every city and large town in the country, which shall obtain their charters from the parent society and for which they shall pay a certain sum, per capita, at the time of organization and annually thereafter according to the numbers and strength of the society. By this plan the society will be continually growing financially stronger and in time will be able to co-operate with the auxiliary society. It would be advisable to have a committee to investigate this proposition and report at the next annual convention. Third, by organizing the co-operative department of purchase and distribution into a corporation, which takes nothing from you but gives you money for good fellowship. What, then, is, or ought to be, our purpose? To co-operate in anything connected with our profession that benefits the greatest number; to co-operate for the diffusion of knowledge of floriculture and horticulture and the happiness of our members, and for the benefit and happiness of mankind. But if we cast a retrospective glance, do we not see, that most that has been done has been largely for self-interest?

Has the purpose been broad enough, and if so, have we performed the duties which that purpose imposes? Of the great number of florists and horticulturists and those intimately connected with us by trade, have we, as members, more than a small percentage? If our society were sufficiently attractive and beneficial, as it ought to be, we should have thousands join our standard, instead of hundreds. Our membership should be more active, more energetic, take greater interest in the society and band together for the common good. Our exchequer appears to have had hard-siedding, uphill and on bare ground at that. Some process should be devised by those who have the welfare of the society at heart and who feel the responsibility which it carries with it, by which money shall flow continuously into our treasury with some assurance to those who desire to promote and advance the claims of their special flowers within the society, that it will be done. We are not facing, as we ought, the problems which this purpose demands of us.

Our members should be constantly thoughtful and active for the society in obtaining new members, soliciting every one who trades with them, to become a member of the society, following the example set by that distinguished horticulturist, C. M. Hovey, of Boston, when he was trying to build up and extend the Massachusetts Horticultural Society. He and his superintendent and clerks solicited every person who came to his nurseries or greenhouses to become a member of that society. In this manner, I became a member at the age of twenty-four. We ought to be more resolute, definite and active and not, Micawber-like, "waiting for something to turn up." It is said not by one step hath chance fashioned on the infinite stairway of time, nor ever came good without labor and toil in science or art. It must be wrought out through the muscles, born of the soul and heart. Are we not floating with the current, instead of seizing the oars and with a firm hand and determination, rowing up-stream? We ought to work with a definite purpose, rather than from impulse, turning aside the thought of self, and laboring solely for the benefit of the society. In this manner only shall we harvest the greatest benefit. It will be found that it is the strength and definiteness of purpose that determine the measure of success. It is said that one of the most gracious features of nature is that it is capable of forming high and noble purposes. The mind overleaps its ignorance and fixes upon the wisest and the best. A clearly conceived purpose strengthens and inspires us, and the success of a purpose, is the fulfilment of hope. I would not affirm that a purpose, even if cherished with sufficient will and energy, will always carry a man to a goal, but rather carry him onward and upward to some kind of success, sometimes greater than his first aim. It would be absurd for me to assert that, if you aim and strive with energy, you will be heads of corporations or famous in any industry or undertaking in which you may embark. Human beings have their limitations and, while you would attain success, it would or might be, in other fields. Failure, in the sense that it educates, leads to success. Show me the man who has made no failure in an undertaking, and I will show you a man devoid of ambition, energy or purpose. A fixed purpose is the eternal condition of success. It is wisely said that nothing takes its place. Talent, genius, push or circumstances or education will not. The world is bubbling over with educational men, aimless and helpless as the prodigal son who fed on husks, but I am glad to see that you, ladies and gentlemen, have escaped that sorry fate.

You have seen the co-operative department of purchase installed. Many of you have heard the discussions and know the object, the purpose recommended to the committee appointed by the convention in Detroit; their report was read at the convention; it was printed with the other doings and sayings upon co-operation. The purpose was stated clearly and the convention believed in the object to be obtained by co-operation. The vote at that meeting was that the executive committee of the Society of American Florists and Ornamental Horticulturists, in their individual capacity, and without involving the society in any way whatsoever, should organize the corporation, as suggested by the committee. It was the sense of that convention at Detroit, in my judgment, that the corporation should have been organized, without involving the society, but since then, at the meeting of the executive committee, it was the opinion of a majority of the committee that the society did not give sufficient sanction for the organization of a corporation, and so voted to continue the co-operative purchase department, as it then existed, until the meeting of this convention. These several suggestions and recommendations are worthy of your consideration.

As an illustration of the remarkable growth of floriculture and horticulture, we may instance the great west, where in some localities it has increased in



Patrick O'Mara, President-Elect Society of American Florists and President New York Florists' Club.

population in twenty years, four hundred per cent. The increase of glass in the same time for floriculture and horticulture, is over eleven hundred per cent. No one could have foreseen this enormous and phenomenal growth. We here see some food for co-operation. Could we obtain all the parties who erected the glass, as members of this society, and a profit of twenty-five cents a box for glass, it would net a sum of over hundreds of thousands of dollars. This for only one branch of industry. We can scarcely comprehend the magnitude of the uses of glass for floriculture and horticulture. Add to the society's members those interested in floriculture and horticulture and it is impossible to estimate the magnitude of the growth and the wonderful impetus it would give the society. It is said there is a lesson, which even co-operation should learn, it has taught us all through nature, as well as in political and commercial combinations; the race which rests, and seeks the happiness of the hermit crab, very speedily decays. It is only in conquest over difficulties as they arise day by day that the solution lies. If co-operation is not to die out, or be choked, it must spread itself wider and wider. It affords the world all the advantages of competition, while it avoids the cruelties which arise from an uncontrolled and unbridled monopoly. The achievements have been so great in the past, the morality of the movement is so true and elevated, and the character of it so suited to the individualistic temper of the Anglo-Saxon race, that we cannot doubt the result, if only co-operators will earnestly work. With opponents so active, it is evident the assiduous propagation of co-operative principles is necessary.

I will trouble you again with a few statistics to remind you what co-operation has done in England and Wales. Up to and including 1893, total sales $2,995,560,380, net profits $256,080,345. To 1895 by the last report inclusive, $4,070,547,715, net profits $360,075,120. The Leicester Co-operative Society Hosiery Manufacturers commenced in 1887 with a capital of only $150; on December, 1898, the capital had increased to $204,655.

I sincerely hope that you have examined into the merits of co-operation carried on by a corporation, so that the decision here rendered at this convention, when the subject comes up for action, may be voted upon intelligently. Co-operation ought to be continued by the corporation, with competent officials to manage it. To-day all mankind, as never before, is interested in co-operation, to avoid being crushed body and soul by the colossal trusts. When co-operation is fully installed in the different industries it will sound the death-knell of trusts. Co-operation here will still require the parental, patient and fostering care of its friends, and of those who breathed into it the breath of life and have nursed it since its birth.

Our society had in its treasury, Jan. 1, 1900, $855.55 and a life membership fund of $585—this amount after sixteen years of association. Does this sum seem sufficient and satisfying for all the efforts that have been made for sixteen years of labor?

It pales in comparison with the association of the Massachusetts Horticultural Society, organized in the year 1829, when floriculture and horticulture were in their infancy, obtaining 250 members the first year and increased to 500 members in the year 1845, with $53,000 in its treasury. This too—when floriculture and horticulture had hardly begun to climb to the great proportions to which they have grown. (In fact Mr. Edgar Sanders says that in 1853 the whole country was just beginning.) They have nearly a million dollars to-day. What plausible answer can we make in our defense, that we have not accomplished more, when the country is teeming with people and wealth, to which the years from 1829 to 1845 bear no comparison? They established a home. We should have one second to no other horticultural building in the world. Can we have it? Most assuredly, if we will it, and make it a labor of love. A home which shall bring the society an income, with an experimental station in some suburban district, where everything in floriculture and horticulture can be tested and tried, from which we all would receive a great benefit.

This home should be a place where any member can come; it should be the Mecca of the florist, where he can seek and give information; a place for the diffusion of knowledge. I believe the first home of the society should be in the city of Greater New York, it being today nearly the center of advanced floriculture and horticulture and which during the life of some members here will increase to ten million inhabitants. When this shall be accomplished, and is on the road to success, it will be time to consider other cities, where it may establish a home.

For sixteen years we have had uncertain existence, and until the society has a local home, a house it can call its own, its advance will be fitful and uncertain. With a local home, I believe the society will gain largely in permanency and membership. It will take upon itself a new lease of youth and vigor, and its usefulness will be felt in all parts of the country. Every department of floriculture and horticulture should here be welcomed and find here a congenial atmosphere. We should aid and encourage the science connected with our art, that we may better appreciate the elevating and purifying influence derived from a better and more advanced knowledge, which it is possible for us to obtain in no other manner.

This is the age of rapid progress and development, the accumulation of wealth with means to gratify our tastes for the beautiful. It should be our aim to lead in floriculture and horticulture and to mould public sentiment in our art. We should stimulate it so that it would further embellish and adorn our homes, our private grounds, our public parks and buildings. We have an unparalleled country, with unequalled natural advantages, and we ought to be able to give those seeking information the most advanced and practical ideas, so that each and every member of our society would be better equipped to carry forward this profession and under the most favorable methods. Such are some of the possibilities stretched out before us, and to their accomplishment we should be inspired by a common purpose. We should allow neither discord nor difference of opinion to weaken our efforts, but work together harmoniously and unitedly, that we may be recognized in the community as a powerful influence in every branch of our profession.

The recommendation of the president in relation to a home for the society has been considered by a committee consisting of Messrs. O'Mara, Rudd and Cartledge, who will make a special report to you on the subject. It has been suggested that the past presidents of the society be made honorary members. If you deem it wise to consider this question, it would be well to fix the status of such honorary members.

The interest developed in some of the manly sports connected with our society is encouraging. Anything which is up-

lifting, which brings more of us together at our convention, is welcome, and, if twenty or more clubs organized for manly sports will come to our next convention, we will give them all encouragement and a hearty welcome.

The increasing demand for plants, both foliage and flowering, is no doubt due to a taste for something more permanent in homes than cut flowers.

An erroneous idea has gone abroad that cut flowers at some seasons of the year are exorbitantly high, but an analysis of the prices for the year will find that the average is lower today than the grower ought to receive. Adverse criticism is occasionally made, which is heralded abroad by the newspapers and periodicals, that extravagant prices for flowers are charged by the grower for the holidays. These criticisms are made by those who know little or nothing regarding the cost of cut flowers. It is the one season of the year in which the grower hopes to receive a remuneration for his efforts. He is obliged, oftentimes, to lose a crop of flowers for which he received nothing, in order that he may obtain the desired crop for the holidays when there is a great demand for them. Did he not do this, not over half the flowers could be offered for sale in the holidays. The high prices which we hear of are only for the few flowers which are called exhibition flowers. If the grower depended for his income upon this class of his product, there would not be a commercial foot of glass in existence for the growth of cut flowers. It is to the vast volume of second, third and fourth class flowers, and that demand which comes from the middle, as well as the poorer classes of people, who never pay high prices for them, that the grower, and in a large measure the florist, depends for his success. Those who want, and will have, the very finest of flowers, selecting only the most perfect in form, foliage, size and coloring, and who are thoroughly conversant with these qualities, are willing, as they ought to be, to pay the price which is demanded for them.

Wild flowers, beautiful children of the woods and fields, is there not a future for them in the greenhouse? If made a specialty, would they not find a welcome and a place in every home? Here is another opportunity for youth to seize and develop.

As to the growth of our industry, very little commercial glass was in existence in 1810. In 1845 glass was laid in putty and butted, the edges being dipped in copal varnish, but it seemed to have gone into desuetude until recently. Since then the growth of floriculture and horticulture has been phenomenal, beyond even the imagination of the most advanced horticulturist of that day. It may be said that it has kept pace with the increase of railroads, if it has not outstripped them, in its activities and growth, and today we are the foremost nation in the growth of flowers and plants and in the extent of our greenhouses and floral establishments. It was not until 1890 that the census bureau made special returns on floriculture and its growth, as a distinct feature, and so it is impossible for me to make comparisons with former decades, with any degree of accuracy, but let me picture to you what we had accomplished up to that time—1890—and leave you to imagine what the census now under way will disclose.

The wonderful progress in the world of science during the past few decades as exemplified—in one of many instances—in the building and equipment of a railroad, is no more worthy of note than is the advancement which we have made in our own art. The rapid stride in the development of the locomotive—in its speed, its power, its economy in fuel and in its many novel appliances—is no greater than in our own vast greenhouses of the present day.

The hot house of twenty years ago is as obsolete as is the small, slow, wood-burning locomotive of our childhood days. To keep abreast of the times we, as well as all progressive people, have been obliged to discard the old for the new. At great cost, we have been forced to construct our greenhouses on entirely new plans, involving changes in foundation, frames, roofs, lighting, heating and ventilating, as well as to greatly increase their size. Is there today an undertaking that can show a more glorious advancement than ours? We are not simply pusning ahead. We are leaping forward with bounds. Our improved methods, our capital invested, and the beauty, the variety and the amount of our product is increasing at a rate which has no parallel in any other art. To accomplish all this has demanded of us unceasing toil, patience, vigilance and the keenest thought that brain can give. We have a right to congratulate ourselves upon our splendid achievements. But let us not rest content with our past accomplishments. As we have sown with unremitting toil and honesty of purpose, so we are entitled to reap the benefits which American manhood claims as its birthright. The silken threads—beautiful in texture and brilliant in coloring—are in themselves a source of delight and of usefulness, but when banded together they become a fabric of a hundred-fold strength and utility. So with us, co-operation should lead us to enhanced benefits, to progress in our art and to every form of success, in added measure, over what we have already accomplished. "The multitude which does not reduce itself to unity, is confusion."

Ladies and gentlemen, I appeal to you to clasp hands in unity of action, in steadfastness of purpose, and to show to the whole world the triumphs and possibilities of American brotherhood.

After the appointment of exhibition judges, whose names appear elsewhere, Secretary Stewart presented his annual report, which follows:

Report of Secretary Wm. J. Stewart.

One year ago we met at Detroit under circumstances peculiarly encouraging. Confidence and stability had returned to the business interests of our land, we had the advantage of a popular city centrally located and it was not unexpected that the convention of 1899 was most successful in all respects and the results highly gratifying to those intrusted with the management of the society's affairs. The usual full official report, a 168 page volume, was published in the fall and mailed to every member, and a detailed account of the proceedings at Detroit having also been widely disseminated throughout the trade papers at the time, it is not necessary now to make any extended report of that event. Among the strong features of the meeting were the fine trade exhibition, in which some sixty firms were represented, the interesting papers presented and discussed; especially those on "Rose House Pests," by Edmund H. Wood; "Hybridizing Carnations," by C. W. Ward, and the "Development of Public Patronage," by J. F. Sullivan, the very practical report of the work of our legislative committee, the spirited discussion on the subject of co-operative purchase, the unstinted hospitality of the Detroit people, the splendid illuminations in honor of our visit and the large number of invitations received for the next convention. We accepted the invitation from the New York Florists' Club, seconded by the fighting governor and by Mayor Van Wyck, and here we are.

The annual meeting of the executive committee was held in New York City on January 16th, 17th and 18th, 1900, all the members of the committee being present except one. Besides the usual convention preliminaries many other important subjects closely connected with the society's welfare were considered with careful deliberation, among them the organization for co-operative purchase of greenhouse supplies. The committee, feeling that, in a matter involving so heavy a responsibility, the society's wishes were not indicated with sufficient clearness in the vote of instructions passed at Detroit, finally left the plan undetermined and the subject will again be brought before the society at this convention.

It being announced that the New York Florists' Club proposed holding a horticultural exhibition in connection with this convention, the committee voted to appropriate twelve silver and twelve bronze medals for distribution thereat, under the direction of the New York Florists' Club. It was decided that the department of nomenclature supervision might now be transferred from the care of a special committee to a regular botanist, and Dr. N. L. Britton of the New York Botanical Club Garden, was appointed accordingly to this office. Subcommittees were constituted to investigate and report to this convention on the matters of society incorporation and a permanent society home.

The department of plant registration has moved along acceptably since last report. It has been the means of adding several very influential names to our permanent membership list, its provisions are willingly complied with, it pays well and is evidently approved by those who have had occasion to avail themselves of its advantages. The registrations in this department since our last meeting were as follows:

August 25, 1899, by Lager and Hurrell, Summit, N. J., Cattleya gigas atropurpurea and Cattleya Hardyana Robbiana.

Sept. 18, 1899, by Peter Henderson & Co., New York, canna Governor Roosevelt.

Sept. 21, 1899, by W. E. Hall, Clyde, O., geraniums Little Pink and Clyde.

Sept. 21, 1899, by M. H. Walsh, Woods Holl, Mass., rose J. S. Fay.

Nov. 1, 1899, by D. Carmichael, Wellesley, Mass., carnations Eleanor Ames and May Whitney.

Nov. 13, 1899, by Conard & Jones Co., West Grove, Pa., canna Olympia.

Nov. 17, 1899, by Alex. McLellan, Newport, R. I., chrysanthemum Victoria.

Dec. 4, 1899, by Robert Montgomery, Wellesley, Mass., rose Mrs. Oliver Ames.

Dec. 26, 1899, by Benj. Dorrance, Wilkesbarre, Pa., rose Sara Nesbitt.

Feb. 1, 1900, by Conard & Jones Co., West Grove, Pa., rose New Century.

March 5, 1900, by C. Warburton, Fall River, Mass., carnation Cressbrook.

March 7. 1900, by C. H. Gerbig, Archibald, Pa., geranium A. N. Gerbig.

March 13, 1900, by Lager & Hurrell, Summit, N. J., cattleya trianae Nettie Martin.

April 2, 1900, by Nathan Smith & Son, Adrian, Mich., canna The Express.

April 2. 1900, by Lager & Hurrell, Summit, N. J., cattleyas trianae aurantiaca and trianae Fairy Queen.

April 5, 1900, by the Floral Exchange Co., Philadelphia, Pa., rose Queen of Edgely.

April 16, 1900, by J. H. Dunlop, Toronto, Ontario, rose Lady Dorothea.

April 20, 1900, by Lager & Hurrell, Summit, N. J., cattleya labiata Mrs. W. C. Squier.

June 2, 1900, by Richard Gardner, Newport, R. I., canna Bobs.

July 15, 1900, by Arthur Griffin, Newport, R. I., melons Griffin's Hybrid and Sea Verge.

July 15, 1900, by M. H. Walsh, Woods Holl, Mass., roses Sweetheart and Debutante.

August 9, 1900, by Geo. Wittbold, Chicago, Ill., Nephrolepis Wittboldii.

A number of purchases of glass and rubber hose have been made for parties applying through the department of co-operative purchase, a trifling commission being added in each case, the profits therefrom being devoted to stationery, postage and other expenses incurred in the department.

The secretary's experience during another year strengthens the favorable opinion previously expressed regarding the system of membership assessments now in operation and there seems no room for improvement in this department. The number of individuals who paid in 1898, but not in 1899, and have, therefore, been dropped from the mem-



Arthur Herrington, President-Elect of Chrysanthemum Society of America and Vice-President of New York Florists' Club.

bership roll, is 46, and the number of resignations 2. The full number of members recorded as paid up for 1899 is 553 inclusive of 26 life members, a net gain of 119 over the previous year. The new names added to the list of members in 1899 numbered 148; one each from California, Colorado, Connecticut, Georgia, Iowa, Louisiana, Maryland, Montana, Tennessee and Texas; two each from Kentucky, Massachusetts, Minnesota, New Jersey, Rhode Island and Wisconsin; four from Canada, six from Missouri, seven from Indiana, seventeen from Michigan, nineteen from Illinois, twenty-one from New York, twenty-five from Pennsylvania, and twenty-seven from Ohio. Since our last meeting three members have died: Alfred Henderson, September 5th, 1899; J. M. Jordan, February 4th, 1900; Harry Dale, July 15th, 1900.

The list of plant introductions in America, published in the annual report for 1899, described 189 new things. This included twenty carnations, seven roses, five cannas, twenty dahlias, fifty-eight chrysanthemums, eight sweet peas, twenty-five geraniums and forty-six miscellaneous. The list of canna introductions fell off very heavily from the previous year.

We had hopes of securing for this convention a lower excursion rate for our members than the usual fare and one-third, but all efforts in that direction were futile. It is gratifying, however, to know that the concession this time extends over practically the entire country, and further, that our organization enjoys the good will of the transportation authorities in the fullest sense, no instance of the misuse by our members of their special privileges having yet been recorded.

From a territory so strong horticulturally as that in which we meet this year, large additions to our membership are naturally expected. The confident spirit of the times, so well-evidenced in the substantial gains made at Detroit, is still with us, and early in the year it became apparent in the secretary's office that New York's convention would be a record breaker. It is our proud privilege now to rejoice that the period of reaction, the days of depression and uncertainty are, at least, behind us and that once more our honored society is on the high road of prosperity.

The continued cordial co-operation and cheerful assistance which the secretary has received during the year from the members is not the least among the factors in the society's prosperity and he takes this opportunity to acknowledge the same with grateful appreciation.

Treasurer Beatty submitted a very full and complete report, showing the society to be in excellent financial condition.

Tuesday Afternoon.

A large party of ladies and their escorts started at one o'clock for a carriage ride around Greenwood Cemetery and Prospect Park. Taking the 3rd avenue elevated road and transferring to the Brooklyn elevated they were met at the entrance to Greenwood by a score of roomy carriages. After a tour of the cemetery, its beauty and wonderful decorations being greatly admired by all, we entered Prospect Park and traversed many of the leading roads. The great diversity of beautiful vistas and splendid maintenance were greatly enjoyed. Alighting at the refreshment pavilion the whole party sat down to a bountiful lunch, which was heartily enjoyed by all. Surrounded by flower beds and livened by the strains of an excellent string orchestra, the hour spent in this beautiful dell will not soon be forgotten. When coffee was served, Mr. Langjahr of Brooklyn, welcomed the visitors and expressed the pleasure it gave the local people to see the visitors here. Mr. James Dean also gave us a hearty welcome in a few well chosen words. Wm. Scott, of Buffalo, voiced the sentiment of all present by speaking in warm praise of the delightful time that was already being experienced by the visitors. He paid a tribute to the ladies and reminded the young ones of how great assistance their mothers had been to their fathers in their early struggle in business. Without taking advantage of opponents who were not present he said he hoped to see every face in Buffalo next year and proposed three cheers for the New York Florists' Club, which were given with enthusiasm. The chairman called on W. R. Smith, of Washington, who spoke of the beauties of the park equalled by few, surpassed by none; and in his original vein said, "If a living man could not enjoy this park he deserved no higher life." Mr. Carmody rose to his feet but hid his bashful face behind a vase of flowers after a few facetious remarks; he said to get back to the hall was more important than speech making. The company arrived promptly on time at convention hall with one opinion, that we had spent a most enjoyable afternoon and seen a great deal.

The Trade Exhibition.

The trade exhibition was much the largest and most comprehensive one ever made at a convention. Every foot of the immense floor space was well filled. It required a good deal of time to take it all in, but it was most interesting and instructive, and it was alone worth to every one in the trade the expense of a trip to see it. We note below some of the exhibits.

Lord & Burnham Co., New York, showed a full size section of an iron frame greenhouse, one side with brick foundation, iron sill and gutter, the other side being of commercial type, on iron posts and with their patent angle iron ice clearing eave plate. They also had on exhibition one of their largest size Burnham sectional

boilers, equipped with latest improved rocking and dumping grates, and one of their standard No. 5 boilers.

A feature of the greenhouse was a new ventilating apparatus with mitre gearing enclosed in oil cup and a self-oiling worm and gear. The benches were fitted with their new porous bench tile, the upper surface of which is slightly convex to insure quick and perfect drainage. They also displayed glazed hot bed sash, samples of sash bar material and sections of their iron gutters and sills.

Hitchings & Co., New York, also made a very comprehensive display, showing a section of a greenhouse, full size, of their iron frame construction, with iron gutter on one side and the overhanging eave construction on the other, and ventilating apparatus for both side and top. They also exhibited one of their new cast iron sectional hot water boilers of large size, fitted with rocking and dumping grates, the side of boiler being removed so as to show the fire surface; and one of their standard corrugated boilers.

Thos. W. Weathered's Sons, New York, were also in line with a section of a greenhouse of iron construction, fitted with their new iron gutter and iron trellis support for graperies, etc. They also showed one of their large sectional boilers, two conical boilers and two self feeders.

Geo. M. Garland, Des Plaines, Ill., displayed a section of his iron gutter, erected on iron posts and showing how sash bars were attached to same, etc. So much has been said and written about this gutter that it attracted a good deal of attention, and many favorable comments were made.

John A. Scollay, Brooklyn, N. Y., displayed his Invincible boiler, a portable boiler, pipe fittings, the Scollay pipe joint, a draught controller and fuel economizer, and the well known putty bulbs and sprinklers.

Jennings Bros., Olney, Philadelphia, showed their bench fittings, brace and purlin fittings, and their iron gutter.

H. W. Gibbons, New York, showed his Standard boiler.

A. H. Hews & Co., North Cambridge, Mass., made a very interesting display of flower pots, vases, etc., many of the latter very handsomely decorated. Several of the pots were of the largest size manufactured, and they were truly imposing. The ware was uniformly excellent.

The Whildin Pottery Co., Philadelphia, also made a very comprehensive exhibit of standard pots in many sizes and of first class quality. They had made up a big batch of little baby pots, to which pins were attached, and these souvenirs were pinned to the coats of visitors.

The Quaker City Machine Co., Richmond, Ind., displayed the well known Challenge Ventilating apparatus, and Mr. Evans says the demand for machines is increasing as steadily as ever.

Henry A. Dreer, Philadelphia, made a large and comprehensive display of palms, ferns and other decorative plants of trade sizes, also a collection of their fine double petunia flowers. A most attractive feature was two tanks of aquatic flowers, including blooms of Nymphaeas Geo. Huster, Deaniana, rubra-rosea, Smithiana, O'Marana, gloriosa, delicalissima, dentata, Zanzibarensis, Zanzibarensis rosea and devoniensis; Nelumbiums speciosum and album striatum, and Victoria Tuckeri.

Cucas & Boddington Co., New York, made a large display of bulbs in great variety, including Lilium Harrisii, grown in the Azores, where this lily is said to grow wild. It is believed that a supply of bulbs absolutely free from any taint of disease is to be secured from this new source of supply. They also showed a fine collection of imported palms and other plants.



John Young, Secretary New York Florists' Club.

The Cottage Gardens, Queens, N. Y., made a splendid display of new geraniums in bloom, a most interesting collection, the bed being edged by ferns, while at the back were massed blooming cannas and also the foliage canna Black Beauty, whose dark foliage is wonderfully effective. This display was an exceedingly educational one.

Robert Kift, Philadelphia, had a large mirror very effectively decorated with flowers in his patent adjustable vase holders, which are certainly indispensable to the decorator. The effect secured is excellent, the flowers keeping finely in the little vases, which are entirely hidden by the flowers and foliage.

Chas. D. Ball, Holmesburg, Philadelphia, made a display of finely grown palms, ferns and other decorative plants, as did also Lemuel Ball, Wissinoming.

Bobbink & Atkins, Rutherford, N. J., displayed a fine lot of bulbs in variety, fine imported evergreens, in tubs, and ferns in flats, and a lot of Hasselt pottery in many handsome shapes and designs.

J. M. Thorburn & Co., New York, made a large display of bulbs, seeds and general supplies, as did also Peter Henderson & Co., Stumpp & Walter Co., and Wm. Elliott & Sons.

C. H. Joosten, New York, showed bulbs, supplies, dormant rose plants, and young palms.

W. A. Manda, South Orange, N. J., displayed the numerous medals he had won and photographs of his greenhouses, nursery and specimen plants.

Ed. Jansen, New York, showed a selection of novelties in baskets, stands, pot covers, etc.

H. Bayersdorfer & Co., Philadelphia, made a very large display of baskets and other supplies in great variety.

A. Herrmann, New York, showed baskets, sheaves, and metal designs in variety.

Aug. Rolker & Sons, New York showed baskets and general supplies, as did also Sigmund Geller and S. J. Limprecht, both of New York.

The Florists' Supply Co., N. Tonawanda, N. Y., displayed their sod crushers in three sizes.

W. C. Krick, Brooklyn, N. Y., displayed a full line of his immortelle letters and inscriptions, and his pot hangers.

Reed & Keller, New York, made a comprehensive exhibit of their wire work and a full line of supplies.

Lager & Hurrell, Summit, N. J., made a large display of orchids in bloom.

Siebrecht & Son, New Rochelle, N. Y.; R. Craig & Son, Philadelphia; Julius Roehrs, Carlton Hill, N. J.; J. M. Keller, Brooklyn, N. Y.; F. H. Dressel, Weehawken Heights, N. J., and R. Dreyer, Woodside, L. I., each made large displays of palms and other decorative plants.

The Geo. Wittbold Co., Chicago, displayed various sized specimens of their new fern Nephrolepis Wittboldii, a decided improvement upon the Boston fern.

Benj. Hammond, Fishkill-on-Hudson, N. Y., displayed his various insecticides and his greenhouse white paint, etc.

Henry Bird, Newark, N. J., exhibited his self-watering pot, to which water is conveyed by a woolen cord through capillary attraction. It is for use in germinating fine seeds where watering over the surface is objectionable.

The Rustic Construction Co., New York, displayed rustic seats, tables, arbors, etc.

Lehman Bros., New York, showed their wagon heaters in operation. The



Charles B. Weathered, Treasurer New York Florists' Club.

White Enamel Refrigerator Co., St. Paul, Minn., one of their refrigerators. W. C. Heller & Co., Montclair, N. J., mice proof seed cases. Excelsior Plant Co., New York, prepared cycas leaves, etc. Dayton Fruit Tree Label Co., Dayton, O., labels. A. Klokner, Milwaukee, Wis., the high vase table flat. Finley Lawn Rake Co., Joliet, Ill., lawn rake. Wm. H. Kay, New York, boilers, windmill, valves, tools and hose. Stevens & Co., New York, sprayers and sprinklers.

Wm. H. Moon Co., Morrisville, Pa., small evergreen. P. Ouwerkerk, Jersey City, N. J., evergreens in tubs. John Lewis Childs, Floral Park, N. Y., a large display of gladioli and hardy flowers. Hiram T. Jones, Elizabeth, N. J., evergreens. Jno. F. Cowell, Buffalo, hybrid dracaenas. Daly Bros., Granton, N. J., flowering plants of their new geranium Paunpeck. John Peed & Son, London, Eng., a fine display of fancy leaved caladiums. Thos. Roland, Nahant, Mass., Begonia Gloire de Lorraine. N. Studer, Washington, palms and ferns. Arthur Cowee, Berlin, N. Y., fine display gladioli. Elizabeth Nursery Co., Elizabeth, N. J., evergreens, dormant shrubs, hardy flowers. Lehnig & Winnefeld, Hackensack, N. J., cyclamen plants. Conard & Jones Co., West Grove, Pa., canna flowers. Isaac Hicks & Son, Westbury Station, N. Y., tree moving machinery. Schloss Bros., New York, ribbons. Vaughan's Seed Store, Chicago and New York, bulbs, ferns, etc.

A. B. Howard, Belchertown, Mass., showed blooms of his fine new star type of petunias in which the color and texture rival those of the finest pansies. It is really marvellous what Mr. Howard is doing in the improvement of the petunia. Also dwarf zinnias.

J. A. Peterson, Cincinnati, O., showed a fine line of Pandanus Veitchii and Adiantum Farleyense of trade sizes.

Florists' Publishing Co., Chicago, the Florists' Manual, by Wm. Scott. The Florists' Exchange, a full line of horticultural books. D. B. Long, Buffalo, photographs and specialties in florists' printing. Geo. T. King, Hyde Park, Mass., supplement to the Dictionary of Gardening. Herendeen Mfg. Co., Geneva, N. Y., the Furman boiler. Ionia Pottery Co., Ionia, Mich., flower pots. E. Hippard, Youngstown, O., ventilating apparatus.

The Awards.

Certificate of merit to Lord & Burnham Co., New York, for sectional boiler. Its merits being in the opinion of the committee the large combustion chamber; vertical circulation and entire absence of all flat surfaces; water leg extending well down into ash pit, thus utilizing much of the heat usually lost; simplicity of construction and general adaptability for green house work.

Certificate of merit to Herendeen Manufacturing Co., Geneva, N. Y., for the Furman boiler (New Model). Its improvements over the old Furman consisting in the drop tubes over the fire being connected at the bottom instead of being detached as in the old, making it possible to completely drain off the water; the change in construction which makes any brick work unnecessary; and the abolishing of all lock nuts and wrought nipples.

Certificate of merit to Finley Lawn Rake Co., Joliet, Ill., for Finley Rotary lawn rake. The committee believe it to be far superior to anything else in the market, and recommend a certificate of merit.

Certificates of merit to Cottage Gardens, Queens, N. Y., for new geranium Little Pink; to Bobbink and Atkins, Rutherford, N. J., for a large collection of hardy evergreens, also for Eurya latifola, a plant of special merit and rare in the country; to John F. Cowell, Buffalo, for collection of hybrid dracaenas; to H. Dreyer, Woodside, N. Y., for collection of especially well grown cyclamen; to R. Craig & Son, Phila., for a splendid lot of crotons, also for specimen Boston ferns; to Arthur Cowee, Berlin, N. Y., for collection of hybrid gladioli with special mention of gladiolus White Lady; to the Floral Exchange, Phila., for new rose Queen of Edgely; to Henry A. Dreer, Phila., for fine collection of aquatic flowers; to Rustic Construction Co., New York, for rustic work.

Honorable mention to Lord & Burnham Co. for automatic air valve and patent pipe heater for water system of heating, also for improved No. 5 boiler; to Stevens & Co. New York, for insecticide sprayer; to W. H. Kay, New York, for steel windmill, also for hot water boilers; to Gorton & Lidgerwood, New York, for magazine steam boiler.

Special mention to Geo. M. Garland, Des Plaines, Ill., for Garland's iron gutter. The committee especially commending the strong construction and the manner of supporting the gutter by means of 2-inch pipe; to A. H. Hews & Co., North Cambridge, Mass., for handsome new design in earthen ware urns; to White Enamel Refrigerator Co., St. Paul, for refrigerator; to Jennings Bros., Olney, Phila., for iron gutter for greenhouses, very strongly constructed, drip bar on gutter substantially packed, expansion joints, highly commended; to Detroit Flower Pot Mfg. Co., for bottomless flower pot, highly commended for violet and fern culture; to W. C. Krick, Brooklyn, N. Y., for immortelle emblems; to H. Bayersdorfer & Co., Phila., for complete collection of florists' supplies; to Bobbink & Atkins, Rutherford, N. J., for exhibit of Hasselt pottery; to A. Hermann, New York, for metal designs; to Reed & Keller, New York, wire designs, baskets, etc.; to Sigmund Geller, New York, for wheat, baskets made of wheat and shavings, etc.; to Henry W. Gibbons, New York, for Standard boiler; to John A. Scollay, Brooklyn, N. Y., for the Invincible hot water boiler and Scollay's patent pipe joint; to Thos. W. Weathered's Sons, New York, for sectional hot water boiler, with interchangeable rocking grate, large direct fire surface and easy ac-

cess for cleaning, firing, etc.; to Hitchings & Co., New York, for cast iron tubular boilerNo. 16; to D. B. Long, Buffalo, for photographs and florists' printing; to Robt. Kift, Phila., for Kift's adjustable vase holders.

Tuesday Evening.

The first evening of the great convention passed away and left nothing behind but the most pleasant memories. It was an ideal event, every feature of which reflected the ambition of the New York Florists' Club to leave nothing undone in order to accomplish the successful inauguration of the greatest convention, floriculturally and horticulturally speaking, ever held on the continent of America.

The most fertile imagination cannot picture a more impressively beautiful scene than that which was presented when President Wood, surrounded by a bevy of beautiful women, stood shaking the hands of the hundreds, nay, almost thousands, who pressed on, apparently proud of the privilege of being considered a member of the S. A. F. The convention hall was a human beehive of enthusiasm. Every one seemed anxious to have the pleasure of an introduction and this feature and its attendant rewards, to quote the remarks of many, was alone well worth the long journeys and sacrifices made by those present from distant points. Men who had been busy staging exhibits during the day were, as it were, in a few hours, transformed into perfect models of Beau Brummels. It at times looked as if it were a gathering of New York's 400, and well it might be, for prettier women and handsomer men it would be difficult to find.

President Wood conducted the affair in a very able way and all were delighted with his reception.

Mr. Robert Kift was afterwards introduced and delivered his lecture on decorative art. Mr. Kift handled the subject as very few are able to. His observations were both witty and instructive. The views of decorations shown represented the works of some of the best floral artists in the country. Never before were so many beautiful designs shown and we congratulate Mr. Kift on giving the society one of the greatest treats and most instructive lectures ever given before it.

Wednesday Morning.

The reports of the exhibition judges were read and J. D. Carmody read his paper on greenhouse construction, previously announcing that it was no laughing matter and that the subject would be treated with great solemnity.

The selection of the place of meeting for next year promised to result in a warm contest between Buffalo and Chicago, but before a ballot was taken, Mr. Rudd, on behalf of Chicago, withdrew the claims of the latter city, and Buffalo was made the unanimous choice of the convention.

The proposed amendment to the constitution to strike out the words "And Ornamental Horticulturists" failed to receive the required two-thirds vote and was therefore not adopted. The discussion on the rose was opened by E. G. Hill, as follows:

THE ROSE.

By E. G. Hill.

My nomination to this function, I believe, is at the instance of the members of the Rose Society of America. I consider it a double honor to be thus chosen and permitted the privilege of opening this particular discussion before our National Society. As time is precious, what I say must necessarily be brief.

The rose as grown in American gardens, and the same flower as cultivated under our American forcing methods, are two quite distinct phases of this important subject.

In order that the rose may rise to its proper place in American gardens—a place similar to that which it holds on the continent of Europe and in England—it is absolutely necessary that it may be freed from the dread fungous disease known as "black spot," which so cripples it in America, but which is practically unknown across the water. It is to be sincerely hoped that some heroic remedy, or some preventive measure, may be found which is as yet unknown to practical rose growers. By rose growers I mean both amateurs and professionals.

The rose as seen and grown in Europe is quite different from its development in this country. Abroad you may see roses at every turn, in every door-yard, growing in the healthiest and most luxurious fashion. These very same varieties growing in our northern states, in all save a few favored localities, look like mere ghosts of their prototypes in Europe. This is noted by all who have had opportunity to compare growths as seen on the two continents.

I hold that in order to popularize the rose, and to give it the supreme place that it deserves in our gardens, a remedy must be found for the fungous growth referred to, and which has played with such destructive force upon our rose stocks. When I was a young man I well remember with what vigor and luxuriance old varieties like Malmaison, Giant of Battles, Mme. Laffay, Bourbon Queen, and a host of others, grew and flourished; but it is no longer so. Even these old varieties, at the present day, are only shadows of their former selves. If this remedy cannot be found which shall restore our out-door roses to perfect vigor, then we must breed a new race that shall prove immune from the dread disease. This same disease was not many years since a serious menace to our indoor-grown forcing roses, but at the present time where black spot is prevalent it is generally conceded to be due to incorrect culture and improper methods.

This is the situation as now presented, whether we relish the fact or not. We may ask in all seriousness, what has caused this remarkable deterioration in the growth and vigor of our garden roses? Are our indoor-propagated roses responsible for a lack of vitality sufficient to withstand the disease? Are our under-glass methods of propagation responsible for the enfeebling of the rose? Your speaker waits for an answer.

What we want in this country are varieties of roses that shall flourish and bloom as do La France, Mme. Testout, Mme. Jules Grolez, L'Innocence, Prest. Carnot, and the like, in France and England.

If it is necessary to breed a distinct class of roses for our country, whither shall we turn—to what section of the family shall we look for the sturdy parents? In the Rugosa section notable advance has been made by European raisers and possibly we may find varieties adapted to American climatic conditions along this line as the work progresses. In the section of Rugosa Hybrids we have Mme. Georges Bruant, Blanc Double du Courbet, Souv. Pierre Cochet, and I noted in the garden of Victor Lemoine, two sorts, the result of crossing Tea Varieties with the Rugosa; one of these was a beautiful bright pink in color, and M. Emile Lemoine stated that it flowered continuously; the other quite as attractive but blooming only once a year.

In the gardens of Mr. P. Lambert, of Trier, of Soupert and Notting of Luxemburg, as well as in many others of both commercial and private rosarians, this work of experiment in the Rugosa section progresses, and something of note in beauty, vigor and hardiness is sure to develop, and it may be that we are just on the eve of having placed in our hands a class, a set, a type which shall prove the nucleus of a new race that shall inaugurate a new era in the cultivation of roses in our gardens. In this connection we must not forget the two novel developments of M. Bruant, Fee Opal and Rosa Belle; these were obtained from crosses of the Tea section with the old variety Fortune's Yellow. I saw them in bloom and am glad to testify that they were strikingly beautiful.

Probably the most noteworthy results of these recent experiments is M. J. Pernet's Soleil d'Or, which was obtained by crossing the Persian Yellow and the H. P. Antoine Ducher. This variety is distinct enough to merit the type name of Pernettiana as bestowed upon it by the raiser.

While recognizing the good work of our friends across the water, we must not forget to commend also the efforts of our own hybridizers, who are also experimenting on the line of the hardier types, Messrs. Walsh, Manda, Dawson and others.

A more widespread effort in this particular line of work should be inaugurated over our own country; we need more Ramblers, equaling the Crimson and in different tints and colors; these can certainly be had by proper and systematic effort.

To sum up: We must make an earnest effort to either free our roses for garden purposes from the blighting effects of black fungous; or we must, with intelligence and energy, seek to form and build up a new race of roses by crossing the hardier species with our present highly developed Tea and Hybrid Tea varieties. American hybridists must keep in mind the hardy, vigorous characteristics required by varieties that are to succeed in our climate, nor stay their efforts until the new type is produced; the reward will be ample.

Regarding new sorts for forcing purposes; we need new colors in forcing varieties—say like Gen. Jacq., or Rodocanachi, or a variety with a tint and fragrance of a Marechal Niel combined with the fine practical qualities of Bride or Bridesmaid; a fortune awaits the producer of such a rose, and if you will allow prophecy, I will venture to predict that within a very few years we shall have roses rivaling Am. Beauty, Bride and Maid, but covering a good range of color. The speaker has no knowledge of such undisseminated novelties being in existence at the present moment, but with the number of workers in the field, and the crying need of such varieties apparent to every rose-forcer, they are certainly among the probabilities.

In conclusion: I believe that the American Rose Society will prove the instrument that shall revolutionize the status of the rose, and that will make plain to the rose-grower, professional and amateur, the needs of the rose from our American standpoint, and with this hope in view, may I not ask—and urge—that you give to this young and growing society your name and your helpful encouragement and support.

Wednesday Evening.

The paper by Prof. Galloway was read as follows:



W. F. Kasting, Vice-President-Elect Society of American Florists.

AMERICAN FLORICULTURE.

Retrospective and Prospective.

By B. T. Galloway, U. S. Department of Agriculture.

It is sixteen years since the Society of American Florists was organized, and during this comparatively short period changes have taken place which viewed collectively have had a marked effect on the welfare of every member. The daily happenings in our lives, whether it be at home or in business, come to us in such a way as to make little conscious impression. They nevertheless mold us and direct us, and for this reason it is wise to pause once in a while and look back on the aggregate results in order to be able to more intelligently guide our future course. With this object in view we invite your attention to some of the more important events of the past century as affecting the development of the florists' business, hoping that such a review, brief as it must necessarily be, will help toward a better understanding of what must be done in the future to keep floriculture in the front rank of horticultural pursuits.

A hundred years ago floriculture as we now understand it was practically unknown in this country. Here and there were pioneers who in addition to following various horticultural pursuits, paid some attention to the cultivation of flowers. The early work, however, was carried on more for the purpose of gratifying a love for the beautiful than to reap pecuniary benefit. From the earliest times gardening has been a favorite pastime, and long before there was any thing like a commercial tendency to the work interest was kept up in it through an inherent desire to come into contact with nature.

Naturally the beginning of the work here was associated with the development of certain cities. The greater part of the wealth of the country was collected at such places, and better opportunities were thus afforded for the development of such an industry as the one we have under consideration. The city of Philadelphia was early favored in this respect, and for this reason and also on account of its comparatively mild climate it attracted gardeners and others interested in horticultural work from all parts of the world. Boston and New York were also early centers of floricultural work, and many of the first pioneers made their start at these places.

The rigorous climate of the New World necessarily required that special attention be given to the use of glass houses for the growth of many plants, and thus was early set in motion the forces which have had so much to do with the successful growth of the work here. The early greenhouses were necessarily crude affairs, but they served their purpose and were the links which made better work possible. In most cases only the sides and ends of the greenhouses were of glass, the glass being in very small panes, set in heavy frames of wood. Heating was for the most part effected by means of hot air, carried into or through the houses by bricks or other similar devices. Such were the majority of the houses erected up to about 1825, when there began to appear a more marked interest in architectural effects and improvements in other directions. The demand for plants, flowers, and seeds was rapidly increasing at this time, largely owing to the more settled condition of the country, which afforded men of wealth an opportunity to turn their attention to the beautifying of home grounds and public parks.

Throughout the development of floriculture and other branches of horticulture in this country, home adornment or amateur work preceded the commercial. It is a fact that whenever the cultivation of flowers as a means to the adornment of the home or to public parks and other places is encouraged there soon arises a sufficient demand for flowers to warrant the investment of money in growing them for commercial purposes. Horticultural societies and other allied organizations have, therefore, played an important part in the development of commercial work. It is often through their efforts that interest is aroused and stimulated until eventually a whole community feels the benefit.

The early development of floriculture is so intimately connected with other horticultural industries, such as the selling of seeds, plants, and flowers, that it is difficult to separate one branch from the other and follow the development of any one alone. The selling of seed was naturally an early-established industry, but years elapsed before the seed seller found it worth while to handle flowers. By 1840, however, there was considerable demand, not only for flowers, but for plants also, and to meet this numerous establishments sprang up at various places. Thus we read in one of the current horticultural journals that "Boston and vicinity is making considerable progress in floriculture. The establishment of a public garden in connection with a conservatory is having a tendency to diffuse a taste for plants." At this time (1840) there were a number of important establishments near Boston, New York and Philadelphia, and there were considerable areas of glass, devoted largely to the growing of camellias, azaleas, rhododendrons, fuchsias, pelargoniums, and to some extent roses.

The introduction at about this time of hot water heating into greenhouse construction, gave a decided impetus to the work, and progress along many lines was rapid. For the next ten years floriculture flourished. The rose was rapidly coming into use and the cut flower business was growing. In 1852 a horticultural writer in Hovey's Magazine says: "Many establishments containing greenhouses and forcing beds, more especially for the production of flowers for bouquets, have sprung up in the upper part of New York City." Reference is made to Mr. T. Dunlap, of Harlem, and the immense quantity of flowers, particularly roses and violets, that he grew for his New York store on Broadway. In another place it is mentioned as a matter worthy of note that one store in New York has disposed of several hundred dollars' worth of plants and flowers during the holiday trade.

By 1860 the business had developed considerable importance. Stores in a number of cities were beginning to more and more make plants and cut flowers a specialty. The rose continued to grow rapidly in importance, and various bulbous plants, such as gladiolus, Japan lilies, etc., were receiving marked attention. Greenhouse construction had kept pace with other improvements, and comparatively well-lighted, well-heated, and well-ventilated structures were taking the place of sash roof houses, in which wood predominated and good light and proper heat were out of the question. By this time the rose, as a flower for bouquets and other purposes, was beginning to supersede the camellia. Little attention was given to growing the rose,

however, as a distinct crop. As a rule it was found in houses with other plants, the varieties grown being La Marque, Bon Silene, and one or two others, and these were planted about in odd places, either in the ground or in pots, the flowers being utilized whenever they were marketable.

At the breaking out of the Civil War horticultural work was in a large measure checked and matters remained pretty much at a standstill until about 1870, at which time there were several thousand florists in the United States. The carnation began to receive attention about this time, owing to several importations made into the United States from Europe. Up to this period all the work had been carried on with little reference to specialization. It was the common practice to grow many different kinds of plants in the same house, and not only were the crops grown for the plants themselves, but were also forced for cut flowers. With the increasing demand for both plants and flowers, which began to be especially noticeable between 1873 and 1875, came the necessity for giving more particular attention to individual crops. Thus commenced the first movement leading to specialization. From this time on the progress of the work was rapid, but as the events have all taken place within our memories it is unnecessary to dwell upon them in detail here.

Suffice it to recall the era of plant growing, which lasted for a few years and was followed by a rush to get into the cut flower business. Many of the large plant establishments were modified so as to be able to give their entire time to the cut flower business. The rose received special attention, and there followed a rapid development in growing this crop. Solid beds gave place to benches, and special forms of houses were developed as best suited to the needs of the crop. The carnation was a close second to the rose in the matter of importance, and a history of its development would make an interesting paper in itself. The same is true of the violet, which in the early days was grown almost exclusively in frames, but owing to keen competition the frames were soon found inadequate and sunken pits were substituted. From the sunken pit was gradually evolved the modern violet house found at the present time.

Gradually the general gardener is disappearing and the specialist is taking his place. The carnationist, the rose grower, and the violet grower find it necessary to devote their entire attention to their respective crops if the best results are to be attained.

(Concluded next week.)

Dr. N. L. Britton delivered an interesting lecture on the New York Botanical Garden, freely illustrated with stereopticon views. After the session refreshments were served, followed by music and dancing.

The Hail Association.

The Florists' Hail Association of America held its annual meeting at 4:30 p. m. Tuesday. E. G. Hill, vice-president, presided. Elected, Stephen D. Horan, Bridgeport, Conn.; Wm. F. Dreer, Philadelphia, and Jos. Heacock, Wyncote, directors. The secretary reported an aggregate insurance upon 13,025,762 square feet of glass. He also reported cash balance on hand of $6,823.44 and the total reserve fund of $7,526.87. Upwards of 74,000 square feet of glass last year broken by hail was paid for by the association during the past year. At a meeting of the directors J. C. Vaughan, of Chicago, Ill., was elected president; E. G. Hill, of Richmond, Ind., vice-president; John G. Esler, of Saddle River, N. J., secretary; and Albert M. Herr, of Lancaster, Pa., treasurer.

The Shooting Contest.

In the shooting contest four teams participated, Philadelphia easily taking first place. The scores follow:

Philadelphia: W. K. Harris, 17; W. H. Taplin, 9; John Burton, 16; Edw. Reid, 17; Geo. Anderson, 16; A. B. Cartledge, 17. Total, 92.

Buffalo: Wm. Scott, 10; J. Braik, 7; W. B. Scott, 9; W. F. Kasting, 6; W. Webber, 8; F. Beard, 19. Total, 59.

Cleveland: A. Graham, 9; H. M. Altick, 11; J. Burn, 11; J. Warncke, 6; T. Meehan, 12; G. A. Rackham, 4. Total, 53.

Flatbush: F. H. Steffens, 13; D. Y. Mellis, 3; A. Schultheis, 7; W. J. Elliott, 5; Theo. Roehrs, 4; L. Schmutz, 1. Total, 33.

In the individual shoot at ten birds John Burton won with a score of 9, the prize being a fountain pen.

Chrysanthemum Society.

The meeting of the Chrysanthemum Society on Wednesday afternoon was well attended and several new members were elected. It was decided to offer a prize through the French National Chrysanthemum Society to be awarded at the exposition chrysanthemum show in Paris. The C. S. A. cup will this year be competed for at the exhibition of the Horticultural Society of Chicago, for ten blooms of any one variety. Officers for the ensuing term were elected as follows: President, A. Herrington, Madison, N. J.; vice-president, Eugene Dailledouze, Flatbush, N. Y.; secretary, Edwin Lonsdale; treasurer, J. N. May. The retiring secretary's letter of resignation was received with much regret and a vote of thanks tendered him for his faithful work in the past.

Thursday Morning.

Wm. Weber read his paper on the improvement of the carnation. Mr. Robt. Craig spoke upon the welfare of our National society, making an earnest appeal to all to become active workers in the common cause.

The election of officers resulted as follows: President, Patrick O'Mara, New York; vice-president, Wm. F. Kasting, Buffalo; secretary, Wm. J. Stewart, Boston; treasurer, H. B. Beatty, Oil City, Pa. During the selection of the vice-president a unique condition presented itself. The two leading nominees were Messrs. W. F. Kasting and J. F. Cowell, both of Buffalo. But there was a long list of others. Mr. Cowell attempted to withdraw in favor of Mr. Kasting, but, as under the rule the next on the list would be substituted and ballot required any way, he was prevailed upon not to withdraw. The first ballot resulted in sixty-eight votes for each gentleman; a second ballot resulted in another tie, sixty-three votes each; two tie votes in succession and so remarkable that much interest was developed. On the third ballot Mr. Kasting received eighty-six and Mr. Cowell sixty-three, thus selecting Mr. Kasting.

A committee of five will be appointed to take up the National charter matter again. Mr. May hoped the society would not only secure a charter but would soon be in a position to establish an experimental garden of its own under its own control. A committee will be appointed to act with one of the experiment stations and Professor Arthur is making further tests on the plan of sub-watering.

A resolution presented by Messrs. Roehrs and Kift that in future the president of the society appoint a committee on sports who will have charge of the sports at the annual convention, was adopted.

Unfinished business was taken care of and the convention then adjourned to meet in Buffalo next year.

Thursday Afternoon.

Thursday afternoon there were about twelve hundred people on the boat to Glen Island, and the trip was thoroughly enjoyed by all. The weather was delightful, as it has remained all through the convention.

Notes.

The New York Florists' Club certainly handled the convention in splendid style.

The bureau of information was an exceedingly useful feature.

The press committee, with C. W. Ward as chairman, was very helpful.

John P. Cleary made an ideal manager of the trade exhibition.

The souvenir was a beautiful book and was much appreciated.

The daily edition of the Florists' Exchange was a fine stroke of enterprise and the publishers are entitled to much credit.

The Sander cup for most attractive display in the trade exhibition was awarded to Julius Roehrs.

American Carnation Society.

At the meeting of this society on Wednesday afternoon considerable work was done upon the program for the meeting to be held in Baltimore next February. The essayists will probably include Peter Fisher, Prof. A. F. Woods, E. G. Hill, John Cook and C. Eisele.

HORTICULTURAL EXHIBITION.

In Connection with the S. A. F. Convention.

No longer can it be said that the private gardener in America is unequal to any occasion that may arise, nor can it be charged that they lack interest in national horticultural affairs, for never before under like circumstances has such an exhibition of plants been seen. It is true it was not so extensive as it was hoped to be, but what it lacked in quantity it more than reached in quality, and it is safe to assert that in many cases finer or choicer plants were never seen in the country.

The average visitors to a flower



Chicago Florists' Club's Convention Special Train.

show, even be they florists, rarely stop to examine critically the many valuable things shown there. The groups of plants as a rule are passed by "as pretty" or "nice stock." All consideration for the vast amount of love and patience necessary to rear the numberless specimens shown is slight indeed, but in the case of this present show, this grand display, the quality of the plants, their great beauty and in many cases, exclusive rarity, commanded attention from all. It is a show where the connoisseur loves to linger, where the critic finds himself in difficulty at every turn. There is something beautiful, some gem that illustrates how lovely nature can be when reflected through the products of the gardeners' tenderness and knowledge.

For the benefit of the uninformed we wish to say that the private gardeners, who exhibited at this great event, have paid the expenses of shipping and staging their exhibits out of their own pockets, and when one stops to consider that some have paid out as much as $50 to compete for a medal or certificate one even then cannot estimate the sacrifices made. Unfortunately the wealthy men of this country, with a few exceptions, care not for flower shows, and many of the failures at these affairs are attributed to what does not exist.

In writing of this exhibition we must admit that many of the classes were not entered for, and that in most, competition was small, but what was there represented the very best; and looking at it in this light, what was there was of more importance than a great hall filled with rubbish. We have nothing but the highest praise for everything connected with this horticultural section of the great convention festival, and there is no cause for the most caustic or intolerant type of commercial florist to be ashamed of what is dubbed the horticultural tail to the florist kite.

The judges for plants were William Falconer, I. L. Powell and Geo. Smith; for cut flowers, fruits and vegetables, C. H. Allen, L. Barron and Geo. McWilliams.

Awards.

For group of foliage plants covering a space of 200 square feet, first prize, florists' gold medal, went to Arthur Herrington, Madison, N. J., for a grand group of graceful palms and highly colored foliage plants; among the palms were fine specimens of Cocos Binnotii, Kentias and Caryotas; second price, S. A. F. silver medal, was won by Geo. H. Hale, for a splendid round group of fine specimen foliage plants. This group contained many rare beauties, the Alocasia macrorhiza fol. var. and Marantas in this group were very elegant, and the whole lot reflected the greatest credit on the exhibition.

The Florists' Club gold medal for group of foliage plants covering 100 square feet was won by William Duckham, Madison, N. J. His plants were extra fine; the second prize, S. A. F. silver medal, went to E. Wolz, Brooklyn; the third prize, S. A. F. bronze medal, to Jas. Dowlen, Seabright,N.J.

The club's gold medal for group of flowering and foliage plants was captured by Howard Nichols, Yonkers, N. Y.; this consisted of anthuriums and a choice assortment of highly colored foliage stock.

For six ferns, distinct varieties, silver medal won by Geo. H. Hale. Ed. Wolz got the bronze medal for second in this class.

Group of fancy leaved caladiums, in which there were over sixty varieties, captured the S. A. F. silver medal for Geo. Hale.

The first prize for specimen dracaenas went to Wm. Duckham, for a remarkably fine piece of D. Sanderiana; the same exhibitor captured first prize for specimen Acalypha Sanderi, which showed up elegantly.

The silver medal for 12 stove and greenhouse plants went to Wm. Duckham, for fine specimens of Dracaena Cantleyii, Cycas Wedlandii, Calamus cinnamomeus, Kentia Brownii, Acalypha Sanderiana, Ananassa var., Licuala elegans, Curmeria Leopoldi, Ma-

ranta Virginalis major and Maranta Sanderiana.

Silver medal for specimen palm went to Arthur Herrington, for perhaps the finest Kentia Belmoreana in the country; it is a gem. The second prize was won by W. S. Rennie, Brooklyn, N. Y., with an immense Phoenix reclinata.

Silver medal for group of ferns was won by James Dowlen, this contained a great variety of lovely forms; the second prize went to Howard Nichols, for a group of mostly well grown A. Farleyense.

First prize for six pots of cannas won by Alex. Marshall, Pawling, N. Y., and they were fine after traveling such a long distance. Second prize went to J. Boshard.

The prize for new and rare plants went to Wm. Duckham. Many of these were extremely beautiful and the only ones in the country.

Ed. Wolz put up a fine group of coleus which added much interest to the show.

First prize, six dracaenas, Wm. Duckham.

First prize, specimen Asparagus Sprengeri, Thomas Cockburn.

First prize, specimen croton, Geo. H. Hale.

I. L. Powell made a pretty display of aquatics and ferns.

First prize, group of crotons, and they were elegant, went to P. Riley, Brooklyn, N. Y.

Collection of Rex begonias, a superb lot, first prize, A. K. Petit, of the Deaf and Dumb Institute, N. Y. City; second prize, D. E. Roy, Malden; Mass.; third prize, Ed. Wolz.

First prize, six palms, A. Herrington, with Thrinax elegans, Corypha Australis, Chamaerops Stuaracanthus, Phoenix Rupicola, Cocos Binnotii and Pinanga Kuhlii.

First prize, table of fancy leaved caladiums, Wm. Duckham. Second prize, Jas. Dowlen; both of these were very brilliant.

Three nepenthes, first prize, Wm. Duckham.

Collection of asters, 16 varieties, first prize, A. A. Taaffe.

Six dracaenas, second prize, Arthur Herrington; third prize, Ed. Wolz.

First for specimen fern went to Howard Nichols for a grand A. Farleyense. Second prize, W. S. Rennie. Third prize, Geo. H. Hale. Davallia Fijensis, Microlepia and Nephrolepsis in all the fern classes were very grand; finer were never seen.

First, for three specimen ferns, Howard Nichols. Second, A. Herrington.

A. Herrington won first on specimen cycas. Second, H. Nichols. Third, Geo. H. Hale; all of these were Cycas revoluta.

Collection of cut cannas, first, J. Boshard. Second, Alex. Marshall. Third, Wm. Duckham. Mr. Marshall showed a fine new dark canna of much merit.

For collection of gladiolus, W. Duckham, first.

Collection of hardy flowers, A. Herrington, first; E. Powell, second.

Collection of annuals, first, Jas. Dowlen.

Geo. Hale also won a first for collection of ten species of herbaceous flowers.

Hale won second for collection of asters.

Chas. H. Atkins, Madison, N. J., won first on design for flower garden.

The grapes shown were very fine; those grown by John Ash, of Pomfret Center, Conn., were wonderful; he won first for six bunches and first for four bunches. Wm. Turner, second. Wm. Barth, third.

In the classes for hot house peaches Wm. Scott won two firsts.

In the vegetable classes such veterans as N. Butterbach, Adam Wengerter, Jas. Dowlen, W. Duckham, Andrew Taaffe, R. Angus, Geo. Hale Wm. Scott, L. A. Martin, E. Powell and others won several firsts and seconds.

Altogether it was a fine show and great credit is due all concerned.

J. I. D.

FLORAL DECORATION.

AN ILLUSTRATED LECTURE PREPARED AND READ BY ROBERT KIFT OF PHILADELPHIA.

The title of my paper covers the whole field of floral arrangement, the principal divisions of which are church, house and table decorations. Any one of these could be but touched upon in the limited time at my disposal. I shall consider them, therefore, in the broad sense, as in the views which I have here collected examples of all classes of decorative work will be found. We read of the splendors of ancient Roman and Egyptian banquets, where flowers were said to have been so lavishly used. Unfortunately, I have no photographic views of these to offer you, and it may be that newspaper reporters were also abroad in the land, then, as now.

While we may not hope to rival these celebrated fetes for some time to come, there is no doubt that the use of plants and flowers in decorations at all social functions is rapidly becoming more general.

Large private entertainments or balls are now given by individuals, that for lavish display far exceed the former united efforts of the entire four hundred. Wedding festivities are also, if possible, made greater society events, and at times tax the resources of the florist to the utmost.

Perhaps the greatest factor for the increasing recurrence of these elaborate displays is the occasional "carte blanche" order that, falling into good hands, is carried out with judgment and discretion, thereby producing a floral effect that delights all and encourages other patrons to even greater efforts when the occasion arises.

On the other hand, money expended for flowers is too often considered wasted or of least moment. Editorials, even, have been written in the daily press, deploring the extravagant and senseless waste for such lavishment of flowers upon these occasions. The reverse is the case, however, as the delicacies and the music, considered so absolutely essential, are soon forgotten, while the decorations, greatly admired at the time, make a deep and lasting impression.

When an architect plans a house he sees in his mind's eye just how every room will look before a line is drawn. The floral decorator should be able to do the same with his work. A look over the ground and a study of the color effects of the furnishings and permanent ornamentations will show him just where the special features that he has in his mind can be displayed to the best advantage.

Every arrangement of flowers or plants, be it ever so small, should have some little touch to distinguish it, some individuality. Every room should have a point to which especial attention is given, so that on account of its novel or tasteful arrangement it attracts attention. It is these special features that call forth admiration; they make a lasting impression that is carried away, they are the life of the work.

Every decorator should provide himself with neat wooden and wicker pedestals of various heights. Iron stands, some adjustable and fitted with tipping devices to hold a plant securely on its side, are also useful. Pot-covers in good assortment of sizes are indispensable. All the above, except a few for special occasions, should be painted a foliage green, as it is the plants that add beauty and grace, the covers and pedestals are merely accessories, and should be concealed as much as possible.

Tall floor vases for chrysanthemums or American Beauty roses are almost a necessity. These can now be had in silvered wicker with zinc lining, not better than glass, but much more lasting.

If the order calling for a house decoration is elaborate, have a base of operations; put your boxes in the laundry or other cool room in the basement, and work from there; this confines the litter mostly to one place and keeps the stock in better form.

The foliage and flowers for each room should be selected and boxed separately from a list previously made out, showing the different points where each lot is to be used, which when ticketed off makes the order complete. This should follow with all plants, pedestals, pot-covers, vases and other accessories, which when checked again insures the safe return of all that had gone out, and means a great saving in the course of a season's work.

Those of the trade who make a specialty of large decorations soon become more than mere florists and appropriate the word decorator. They also add to their force upholsterers, carpenters and electricians, and are obliged before long to hire storage room for the properties that accumulate, and which, by rearranging, can be utilized time and time again. Their use will be demonstrated in the views later on.

I must also speak of the kneeling stool or Prie Dieu. Some form of this useful article should be found in every decorator's stock, it being indispensable at a house wedding, and is also often an essential feature at the church.

Within the past twelve to fifteen years the decorator has called to his aid the evergreens of the woods. Laurel branches and wreathing made of their sprays were first used; then that grand southern vine, the wild smilax, was introduced by A. C. Oelschig, of Savannah, Georgia, in 1888. I have an interesting letter from Caldwell the Woodsman, who while he does not claim to be the original smilax man, is without doubt the genius who found out its commercial value, and having faith, devoted his whole time collecting and getting it before the public. He invented the light packing case and obtained special express rates; so that now it can be had in almost any city of the Union and Canada during its season, and he thinks the entire output of last season would probably reach over 3,500 cases. Palm leaves and crowns, as well as leucothe sprays and galax leaves, are also used extensively. Wild smilax adapts itself to almost any kind of wall or suspended form of decoration; each spray seems as if especially selected for arranging over this picture or mirror, or over that doorway, as the case may be. The only danger lies in its too promiscuous use, as then its naturally irregular and graceful form is lost in the mass of foliage.



Wedding Breakfast Table. Tree Decorated with American Beauties. Kift & Son, Phila.

I could describe a number of beautiful effects made by combinations of flowers and foliage, but think you will be able to get a better idea from the pictures about to be thrown on the screen, nearly all of which have one or more features to commend them.

I will only say try and let your individuality show in the work. Do not rest satisfied with something that anyone who had the materials at hand could do. The mere setting a few plants about in the corners, crowding some ferns together on the mantles and hanging strings of smilax in which a few carnations have been wired will not build up a reputation. Customers rarely know what is required. They expect the florist to have ideas; they look to him to tell them what they should have. The rest is merely a question of price.

In conclusion, I believe that one of the most important elements in a decoration is to be on time. Many an otherwise faultless job is spoiled from lack of time in which to carry out all that was promised. What should have been a brilliant victory was, so to speak, turned into defeat, the florists retreating in confusion through the rear door while the guests were entering the front. There should be time, indeed, for a final inspection and, if necessary, a touch here and there that, while not in the contract, adds much to the work and leaves nothing to be desired. And then what a satisfaction there is in going about with the host and hostess and hearing from them that they are well pleased and that everything is exceedingly satisfactory. You may be very tired, but you go away from their presence with a light heart and feeling of gratification that amply repays for all your efforts.

THE IMPROVEMENT OF THE CARNATION.

By William Weber.

When we contrast the carnation of today with the carnation of 15 years ago, we behold a difference so vast that, had it been foretold at that time, the would-be prophet would have been made light of.

Very naturally we all expect to advance continuously, but at that time we scarcely thought we would accomplish more in 15 years than had been done in the preceding 50 years. Yet when we look at the world in general, we are after all, forced to admit that we have merely done what could naturally be expected; had we not made such strides, we would not deserve to be called progressive, or equal in animation with the spirit which pervades all other branches of trade and industry.

I am charged with the mission of telling you the story of "The Improvement of the Carnation." The whole story, while very simple, would be of such length as to prove irksome did I attempt to tell it to you in detail as it occurs to me; I will therefore be as brief as possible, leaving the hundred and one little things which always form a part of the whole to your imagination. Improved methods of culture stand out in bold relief as being the most important item of our subject. How different are the methods we use now when compared to those of a decade or more back. We house our plants now from six to eight weeks earlier than we used to do. Then we merely tried to get them all in before damaging frosts would arrive. The result was usually very large plants with an abundance of shoots. Leaving out the winter culture in the greenhouse, and presuming they were to be grown in their natural way, these large plants were good subjects to winter over, and produce an abundance of flowers the following year; in other words, they were ready for their winter's sleep.

What happens when large plants are planted late in the season is this: The time left for them to become established on the benches is decidedly too short. It will take two weeks in September or October to accomplish what one week in July or August would do in the way of filling the soil up with roots. When this is accomplished the plants are ready for work, and not before. The product of a poorly, or partially established plant cannot approach perfection. When we plant late there is no time left for thorough establishment to take place, and the result will in nearly every case be, a large crop of medium grade flowers at best. And where the culture is indifferent, quality as well as quantity will be inferior.

The merits of early planting are not as fully recognized as they should be. Early planting is one of the bulwarks of the present high standard the carnation of today enjoys. The reason is very simple. When we plant in July and August we are giving the plants ample time to become thoroughly established before the days are so short, and consequently less light to help them along. Then we have our plants in good working condition and the carnationist with advanced ideas can commence feeding his plants judiciously and with the exactitude and nicety of one who thoroughly understands his subject. Early planting may mean a few less flowers, but this will be more than made up in the better quality flowers, and greater length of stem than could be expected from late planted stock. A careful study of our soil, what it contains, and what it lacks; what constitutes plant food, and how plants feed, are matters which demand the fullest consideration. We cannot hope to accomplish anything of real value unless we work along these lines.

The grower who will stop trying to do as well this year as he did last year, and instead make a systematic effort to each year eclipse last year's record, will soon be in line with the best growers in the land. What we need is to stop guessing, and become so infused with our task, that we will soon have all the ideas of our own we can manage and put to the test. In this manner each one working along his particular line of thought will evolve some points perhaps which his neighbors in the field may not; and in this way help to contribute to the store of knowledge which is being steadily collected, and which will doubtless be preserved in history.

As soon as we learn to depend on ourselves, we begin forthwith to improve. What matters if we do make a few mistakes? Is there any one here who hasn't made them? I believe not. They simply serve to guide us in our work, and teach us the value of proceeding with our eyes open, to never experiment on a scale so large that failure of the experiment would swamp us. If we manage it carefully the results will inspire us with a confidence known only to those who thoroughly understand their calling, be he florist, engineer, merchant, soldier or what not; it is all the same.

Great as has been the improvement of the carnation in recent years, all indications point to a still greater improvement in the near future. No small factor is the modern houses which are being built. One would think that we

had nearly reached the limit in perfect greenhouse construction, but each year shows some little defect, and a way to overcome it. The palatial houses now used form one of the greatest contrasts to the methods of a few years back, and no small portion of the carnation's improvement is directly due to this one thing.

Everybody knows the absolute necessity of careful selection of stock, and doubly so in the selection of cuttings, and their proper care; so that I can say nothing new along this line. One of the evils of today is a tendency to bite off more than we can chew; it is poor policy and would better be abandoned, as it means only a loss of reputation and money.

I have thus far said nothing of the seedling man—the hybridist. Certainly a very large slice of the credit and the honor the carnation now enjoys is due to his efforts. We are wont to kick and to cuff him for the indifferent and poor varieties he has burdened us with, but through it all shines the fact that he is a most deserving fellow, and has labored hard for the advancement of the carnation. We have passed the era when any medium good variety may be disseminated. We now expect some special feature in a new candidate for honor. Hybridists understand this fact very well, and we are promised some sensations at our annual meeting in Baltimore next February.

There is only one real practical standard by which we can judge a carnation, and that is its ability to make money for the grower. It would be unfair to seedling raisers did we intimate that this fact is not always kept in view. We cannot expect to scale the ladder at a single bound, and must therefore be content with a gradual ascent.

The foregoing, I believe, will cover in a general way the practical part of the improvement of the carnation, but there is another side to be seen, another force to be reckoned with. The various trade journals must come in for their share; the different florists' clubs and societies which give exhibitions from time to time, and award prizes, thereby stimulating interest as well as a friendly rivalry. It must be admitted, however, that the greatest of these forces is the S. A. F.'s biggest and proudest baby, the American Carnation Society. The mother society may well feel proud of her offspring. We are accomplishing in a systematic way things which would be impossible were not the American Carnation Society in existence. This organization brings together annually the carnation lovers from all parts of the country. That these meetings and exhibitions accomplish great things must not be doubted for an instant.

The practical fruits which resulted from the great advertising the carnation received as a result of the deal which made the Lawson carnation the property of Mr. Thos. W. Lawson, was largely brought about by the Carnation Society. If there had been no Carnation Society there would have been no Lawson fund, and likewise no Lawson medals. That interest in the society on this account has increased a hundred fold is certainly true. Mr. Lawson has been a potent factor in the advancement of the carnation, and the beautiful flower which bears his wife's name is a fitting example of the up-to-date carnation.

To sum up every detail, and give due credit to each for the part played by it in bringing the carnation to its present standard would make a long story. I will leave this to you, and believe that you agree with me that the small as well as the large items are necessary to complete the list, the whole forming one grand pyramid.

A glance at the future is always interesting. During the next ten years we may expect many great changes in the cultivation of the carnation. Perhaps even a revolution. Prof. Arthur and others have started many of us to experimenting with sub-watering, the ultimate success of which would be fraught with incalculable benefit to the grower, and at the same time reduce very largely the labor connected with the daily care of the plants. The principle of sub-watering is all right, and out of the experimenting now going on some good must certainly come. That a good many failures are being met with in these experiments is very natural. We cannot hope to be successful to any great degree at the very outset. We must first become thoroughly familiar with the idea and the principle of sub-watering, and the effect under varying conditions it has upon the plants before we will be in a position to reap the benefits of our experiments.

A few years ago when indoor culture was first suggested for carnations the idea was received in anything but a favorable light. In spite of this, however, we have been gradually drifting toward indoor culture. Many now house their plants as early as the first week in July. Thus half the distance between outdoor and indoor culture has been traversed. Whether the remaining distance between the two systems will be covered remains to be seen.

One of the most important matters in connection with indoor culture is thorough ventilation. When we have mastered this fully we may expect good results from indoor culture.

What the hybridist will bring forth in the near future is always interesting to conjecture.

There must be some law or system in nature regarding color, etc., possibly by degrees, study, work, and practice, these secrets might be gradually unfolded to us. At any rate we know that these things will not come to us unless we make some effort.

CHICAGO TO NEW YORK.

The special train over the Lake Shore road, elaborately decorated with flowers and greens and with banners announcing it to be the "Florists' Convention Special," left Chicago at 3 p. m. Sunday with a party of 68 people aboard. The train consisted of three Pullman sleepers, a dining car and a buffet smoking car. It was a jolly crowd and the special train was voted a big winner. The party was taken care of in fine style, the train running on limited time, the dining car service being first class and the officials in charge of the train seemed anxious to contribute in every way possible to the comfort of all.

After breakfast at Niagara Falls the trip through the gorge was enjoyed and it was one long to be remembered. The roadway is cut out of the side of the gorge below the falls and for many miles the cars run along the rapids, by the whirlpool, Devil's Hole and other scriptural and impressive places. On the return the cars landed the party at the falls and a half hour was spent examining this wonder of the world from different view points. The stay at the falls consumed more time than expected, but it was well spent and the special train started when the party was ready, making a quick run to Buffalo and thence to New York on limited time over the New York Central. There were numerous accessions to the party en route.

The party included the following:

Chicago: Geo. M. Garland, Walter Retzer, Geo. Wittbold, Otto Wittbold, G. H. Pieser and wife, S. Garland, Sr., N. Wietor, Ed. Winterson and wife, Aug. Jurgens & Son, Peter Reinberg and wife, W. N. Rudd and wife, J. B. Amphlett, J. W. Erringer, Walter Kreitling and wife, W. H. Kidwell, Edgar Sanders, Luke Collins, Geo. Asmus, Adam Zender, Chas. Balluff, Harry Smyth, Geo. Weiland, Mrs. Dr. Melms, Annie McDonald, Mary McDonald, J. S. Wilson, John Degnan, G. L. Grant, N. A. Schmitz, L. F. Vosbugh, J. C. Vaughan, M. Barker.

Milwaukee: C. C. Pollworth, N. Zweifel, A. Klokner, Wm. Edlefsen, C. B. Whitnall.

Council Bluffs, Ia.: J. F. Wilcox and wife.

Pleasant Hill, Mo.: Geo. M. Kellogg and wife.

Joliet, Ill.; J. D. Thompson and wife, C. E. Finley.

St. Paul: Aug. S. Swanson.

San Francisco: E. W. McLellan.

Denver: J. A. Valentine.

Tiffin, O.: L. Ullrich.

Clinton, Ia.: A. H. Bather, Jessie Bather.

Grand Rapids, Mich.: Geo. F. Crabb.

Ames, Ia.: A. T. Erwin.

Evergreen, Ala.: E. A. Beavan.

Dixon, Ill.: O. L. Baird.

Fond du Lac, Wis.: E. Haentze.

Elkhart, Ind.: Mr. and Mrs. E. M. Bullock.

Huntington, Ind.: Geo. Pastor and wife.

Ft. Wayne, Ind.: F. J. Knecht.

Ionia, Mich.: C. B. Derthrick.

Oshkosh, Wis.: J. C. Puestow.

Willoughby, O.: H. R. Carlton.

Cleveland: Miss Amelia Smith.

West Mentor, O.: Carl Hagenburger, Philip Hagenburger, Lizzie Hagenburger.

The delegates en route during the long journey were sustained and encouraged by the cheering words from Ft. Wayne.

But the feature of the trip was a stirring speech by Ed. Winterson, in which he said: "Ladies and gentlemen, it's the onliest thing that ever happened. Put my hat on. He's the gamiest man in the bunch, but has no odor. Any time he can't write his name in the smoke of the past, present and future, come and see me. I will get my hair curled in New York. We must have it, for we need it. When the time comes it will arrive. What they would do to him—leave that to us. You fellows are getting awful noisy over there—cut it out. I haven't any thermometer, but suspect a case of hot air. Get your money's worth."

And he unquestionably got it.

What he didn't get was acquired by Walter Kreitling, who drank oceans of water.

AMES, IOWA.—Prof. John Craig, head of the department of horticulture in the Iowa State Agricultural College, has resigned, and will leave this fall to accept a similar position in Cornell University, Ithaca, N. Y. John I. Schulte has been chosen his successor.

WHAT I THINK I KNOW ABOUT GREENHOUSE CONSTRUCTION.

By J. D. Carmody.

To attain the best results in any branch of industry the best methods must be employed. Especially is this true of plant culture under glass. Never until good houses were constructed was it possible to grow such roses and carnations as now gladden the eyes of mortals and make the business of floriculture a financial success.

But it took many years to attain the perfection in plant houses which enables the florist to produce these perfect flowers. Those of us on whom time has carved fantastic wrinkles and ornamented with silver locks can well remember the make-shifts, and dugouts, heated by brick flues ,that were dignified by the name of greenhouses. They bore the same relation to the present commercial houses that the stage coaches of that day did to the present palace railroad cars. The progress of transformation was exceedingly slow from the fact that not every one who has the requisite ability to grow good flowers possesses also the mechanical genius to plan and build a structure especially adapted to their best development. And it was only when the florist and mechanic combined their efforts, resulting in greenhouse building becoming a special industry, that perfection in floriculture under glass was approached.

Be it understood I am not writing this article for those who are able to employ the specialist to place the house in position ready for occupancy, but rather for those of moderate means who go into the business of growing flowers for the love of them and with a desire if successful to make a living by their production. I desire also to assist the vegetable grower to put a roof of glass over his lettuce and cauliflower and relieve him from the inconvenience of the cold-frame and hot-beds which are now rapidly giving way to plant houses.

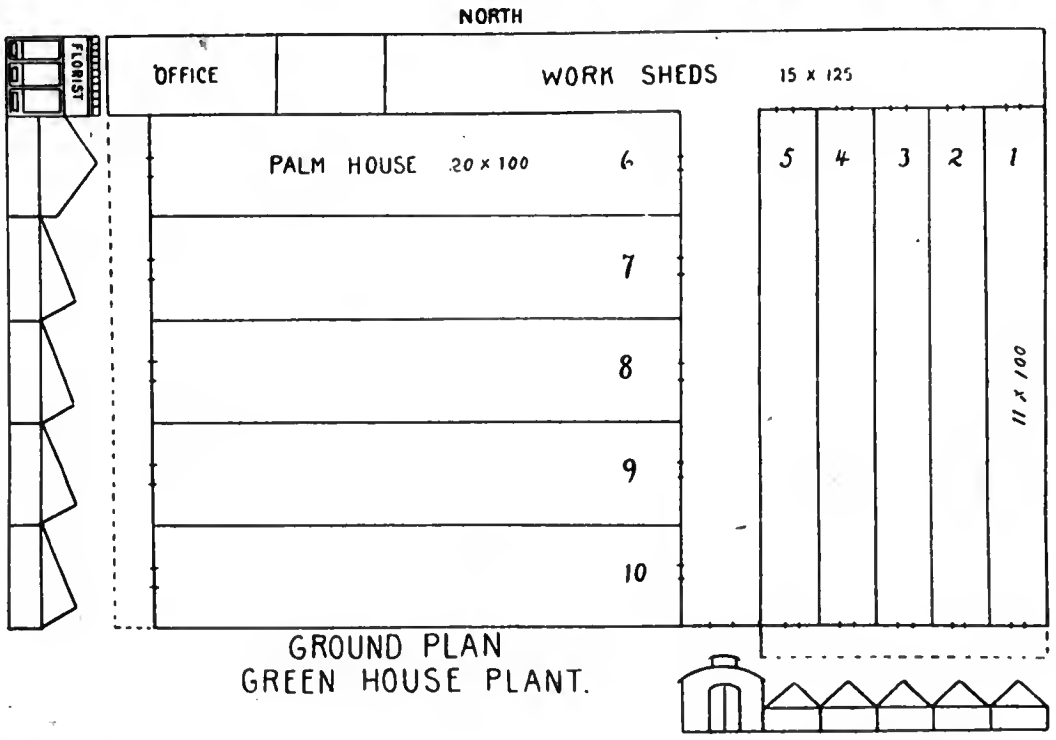
The ordinary village carpenter has not the first correct idea as to the construction of a plant house, but if furnished a few sectional drawings and watched by the gardener who has seen or read up on such structures a great many mistakes can be avoided, and greenhouses can be put up by home labor and out of home material, and the proprietor by doing a share of the work can save not a little of the expense. At the present time, thanks to machinery, the sash and sash-bars can be gotten from the factories fully as cheap and in better shape, and I would advise to patronize greenhouse builders to that extent.

The first thing to have in building a greenhouse is the ground to put it on, and right here let me say if possible have a deed for the ground before you commence building. You may think the price too high, but you may be sure as a rule the improvements you put on the ground will not reduce the value. If ground selected is on the outskirts of the city—as it should be—in a short time the city will build out beyond the location and the price will go higher rather than lower. I know of many florists who by the sale of their greenhouse property late in life were able to retire with a competency, making more out of the rise in real estate than they saved in all those years of labor by the sale of plants and flowers.

I would not advise to build in a city among high buildings or near smoky factories. A leaking gas main will in a few hours ruin a house full of plants. (The writer has experienced loss in this way.) In an atmosphere of dust and smoke good flowers cannot be grown. Locate your house so that it cannot be shaded by anything, and if you have several houses locate them so they do not shade each other. Nothing is so desirable in growing cut flowers as clean glass and sunshine.

In drawing your ground plans study convenience of getting your fuel dropped from the wagon directly beside your heat generator. Do not have a deep cellar for your boiler or fireplace, as it makes it inconvenient to get the ashes away. On the character of the plants intended to be cultivated largely depends the plan of the houses, and by all means settle on a plan and have a complete drawing of same, both ground plan and sectional, before commencing the work.

Most persons starting in this business expect to increase their range from time to time as occasion demands. Therefore the first house should be located so that it can be enlarged or built by side of and remain as part of the plant without remodeling. If it is desired to grow principally bedding plants in the start, I would recommend the houses to stand with the length north and south. The first thing to build in starting a greenhouse is a shed not less than 15 feet wide and as long as the plant house is in width; this will furnish a workshop and shelter to keep the new lumber dry and a place to paint the material before it is put up.



GROUND PLAN
GREEN HOUSE PLANT.

I will now call your attention to this diagram as a ground plan of a range of houses I would build were I to embark in business to grow a general assortment of plants and cut flowers, and had an open piece of ground: Here we have the first shed located along the north side of the plant, with a range of five glazed houses opening into it from the south. These houses are 11x100 feet each. Now we will suppose the plant as you see it here laid out represents several years of moderately successful labor of the beginner who years ago bargained for one or two acres of ground in the suburbs of the thriving city of Poseyville, Posey county, Indiana. He had worked in a grocery store for several years and handled flowers for the proprietor, who sold them for a florist on commission. By handling these he got a liking for them and finally decided to go into the business, though having little money but a good deal of good sense. The first year he built 50 feet of houses Nos. 1 and 2 and the potting shed across the end as a beginning. He bought sash and rafters ready made from the planing mill and with the help of a carpenter, for a few days, put the houses up, doing the glazing and most of the work himself. Not having the price of a boiler and pipe, he resorted to the cheaper method of brick flues under the benches for the first year.

Having good success the next year, he built 50 feet more on each house and got a few sections of a cast iron boiler and pipes to heat by water. (I recommend water heating for small places, especially as it requires less attention and holds heat longer than steam.) The third year he built house No. 3 and increased size of boiler by adding on more sections, and so on each year he added more plant space until finding a greater demand for cut flowers, a different style of house was needed, also a different aspect, as good roses and carnations require more sun. A house for their growth should be so located as to get all the sun rays possible, so he changed the houses to stand east and west and No. 1 20x100 with shed to cover entrance is his next labor.

Providence in the shape of industry, economy and good management favoring him, he finally has this plant complete without the loss of a single house by mistake of location or error in construction, a thing that seldom occurs with beginners.

Having completed the plant the beginner will proceed to explain some of the whys and wherefores of the construction. He built two 50-foot houses at first instead of one of 100 feet because having to use flues to heat with they give better satisfaction than were they 100 feet long.

The houses are 11 feet wide to allow a walk of 3 feet in center, with 4 feet side benches. The walks in most single houses are only 2 feet, which is too narrow for comfort and convenience. The shed should not be less than 15 feet wide, the roof not high and nearly flat, with a tin or tar paper covering; 16-foot boards will make the roof. The shed is at the north, first, not to shade the houses, and second, to protect from cold northerly winds. The office is put at the corner nearest to the thoroughfare; the cut flower room in the rear of office for convenience.

Having laid out our ground plans we will now proceed to construct our houses. The first step after building the shed is to set the posts for the side walls. These should be set not more than 6 feet apart (4 feet would be better), and of material least subject to decay. I have found red cedar best of all woods. I have also used catalpa, chestnut, locust and heart of white oak with good results. If the posts are charred on the lower end when they go into the ground it will add many years to their existence, or if after the post-hole is half filled with earth properly rammed the rest is finished to the ground level with a grout of one part water-lime cement and three parts sand and gravel it will save from rot for many years. The ingredients should be mixed dry and wet up in batches for each post-hole; this cement will also keep the posts firm in position.

After the posts are set in a line and the cement is hardened (if cement is used which is highly recommended), measure up from the ground level about 4 feet

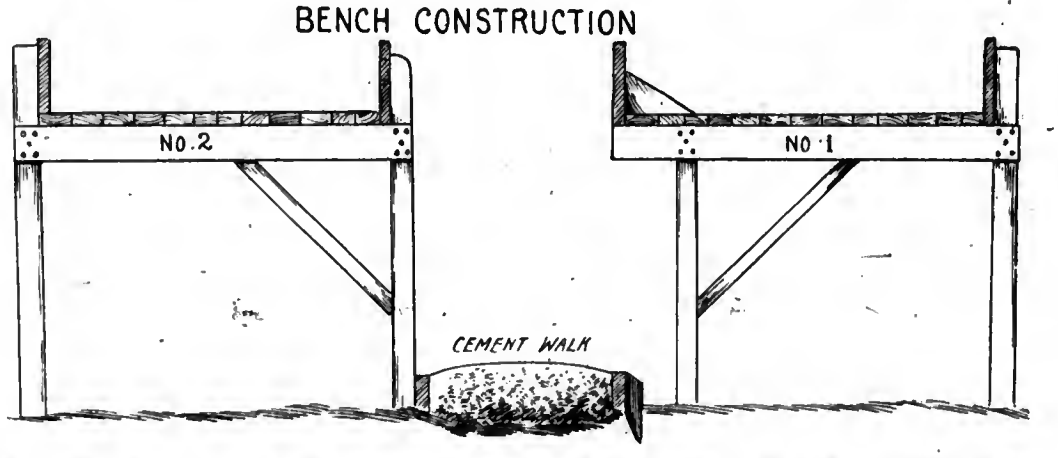
on the middle post and from 3 to 6 inches lower at one end and the same space higher at the other, so as to give the gutter a pitch of from 6 to 12 inches in 100 feet toward the end where you wish the water discharged, then stretch a line tight and tack on two horizontal lines of very straight boards to conform with this line, one on the out and one on the inside of the line of posts. Then saw the top off the post just at the top of these boards; these strips form a rest for the saw and are a gauge to cut by. They also stiffen the posts so they do not work loose and get out of line in the sawing. Now on top of the posts spike on the bottom of your gutter. The best lumber should be used here and be sure there are no sappy places in it. Clear cypress is good, but if the red wood of California can be obtained it is more durable, though in absence of either, white pine, free from sap, if kept painted, will last many years. We will call your attention to this drawing, which shows a style of gutter which gives me the best satisfaction. This is a full size cross section sketch, with the dimensions as follows:

Full width of gutter bottom, 12 inches; thickness when dressed, 1 7-8 in.; gutter sides, 1 3-4 in.; space between, 7 in.; depth inside, 3 in.; bevel top edge the same as the sash bar, the lower end of which is tacked on top of gutter sides, and space between the sash bars is filled with a block, on top of which the lower light of the glass will rest. We prefer to have the sash bar lay on top of gutter rather than be tacked to the side, as many do, from the fact that this way is stronger and the bar will last longer. Furthermore, the drip water will run outside the house through the grooves in the sash bars. No, it will not let in the cold air, for when freezing this small aperture will close up with the ice. Sash bars tacked to side of gutter have nothing but the small nails and the narrow half-inch parting between the glass to hold the lower end up. Again the water of condensation running down keeps the end of the bar wet and the nails will rust out and the bars soon get rotten. You will notice the bottom of the gutter is philistered out to receive the side pieces which are spiked on from the side and also from below, while the outside edge is left standing, which forms a gutter to catch drip and conduct same out along the main gutter. We show an outside wall and water table, also valley gutter for the latter. We deem it best to spike on cross heads of plank 2 in. thick by 6 or 8 in. wide to better support the wide gutter.

is called ship-lap lumber, as shown in the sketch. Good weather-board, the same as used on frame houses, may be used when other material is not obtainable. If it is desired to make a nice finish, stamped sheet-iron representing brick work may be used. This should be well painted inside and out and frequently coated outside to prevent rusting. In fact, paint is a good thing to have about a greenhouse, and every joint in constructing should be painted before putting together and each year some portions, particularly the gutter, should be looked after with a view to painting if needed.

of glass, in the same manner as here shown. The joints between the sash will come over this rafter. This plan makes a much stronger house than to have all the sash bars extend to the ridge pole, and it is no more expensive, for the material in the sash bar that in other plan is hid under the sash will more than pay for extra size of the rafter. Again, you have the full space of the open sash for ventilation and less shadow. Where the sash bars are long I bore an inch hole through these rafters where support to the bars is needed and run a ¾-inch pipe through the length of the house; this stiffens the

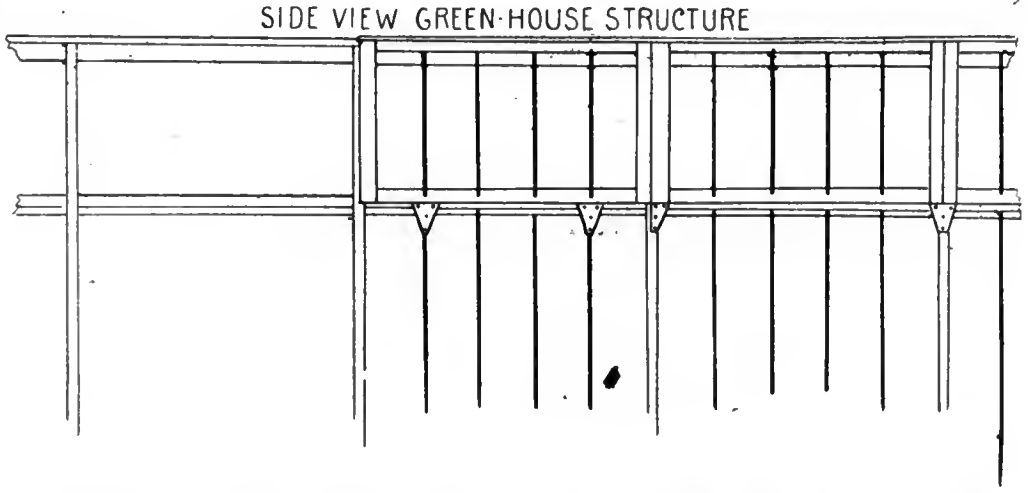
BENCH CONSTRUCTION



We now call your attention to the gable construction. You will observe the top of ridge pole is just flush with the top of the sash bars, or rafters, and comes to a ridge in the center conforming on both sides to pitch of the house. The ventilating sash rests on top of the sash bars, or rafters, as the case may be, and the top rail is shaped to conform to slope of the opposite side of the house. Now on top of the sash is spiked or screwed a cap piece as shown, which shuts over the ridge pole, making the joint air and water tight when sash is closed. The sash is hinged at the bottom to a tapered block, shown here and elsewhere, of same thickness as the sash and spiked or screwed on to the sash bars or rafters and header close up against the lower edge of sash.

This sketch shows a full side view of a section of a well-built 11-foot house. Each member is drawn full size, but the length and space between them is half-size, to reduce size of drawing. In a house of this size we prefer to use glass 12 or 14 inches wide, and ev-

SIDE VIEW GREEN-HOUSE STRUCTURE



The differently constructed outside wall will not need this extra member. If desired, the outer wall can be made with gutter, omitting the narrow gutter shown in the other sketch.

The side walls should be constructed with two thicknesses of lumber with tar paper between. The inside lumber may be of common rough boards, while the outside should be of dressed flooring, tongue edge up, or what is better, what

ery fifth sash bar is of extra size. These are same thickness as the other, but 2 inches wide, and extend from the gutter to ridge pole. Between these sash bars or rafters is fitted in a cross header and the lighter sash bars, 1¼-inch wide, extend only from the gutter to this header, leaving an open space when the sashes are lifted.

In a house 20 feet wide and larger I would use a rafter 2x4 to every fifth row

whole structure and supports the sag of the bars better than a wooden purline.

I advise the center posts to be of 1½-inch pipe, as looking neater and being more lasting. One every 10 or 12 feet is sufficient, but never be without them if the house is more than 11 feet wide, and even in this size it is a good plan to set up every 25 feet, a ¾-inch pipe each side of the walk under the heavy sash bar, or, better, bend the pipe into an arch and let the ridge pole rest on the center of arch. If iron pipe is not obtainable use 3x3 oak or cedar posts. All posts should rest on a firm foundation, like a flat stone, or a square of artificial stone made by digging a shallow excavation at the desired place in the ground and filling same with water-lime, cement, gravel and sand, same as used in setting the posts. Set a spike up endwise in the center of this concrete, and when solid the spike will serve to hold the bottom of post in position, be it iron or wood. If of wood, bore a hole in bottom of post and set it over the nail.

The outward pressure of the roof on the sides of the building is very great, and without center support the ridge pole will in time sag down, and the sides bulge out. We advocate ventilating sash about 3 feet deep up and down the roof, hinged at bottom, and continuous, being bound together at the top, as shown in illustration, for several reasons:

First, in union there is strength. Second, it gives ventilation without draft from side currents that blow in when single sash is used. Third, when hinged at the bottom they are easier raised, as there is less weight on the lifting appliance.

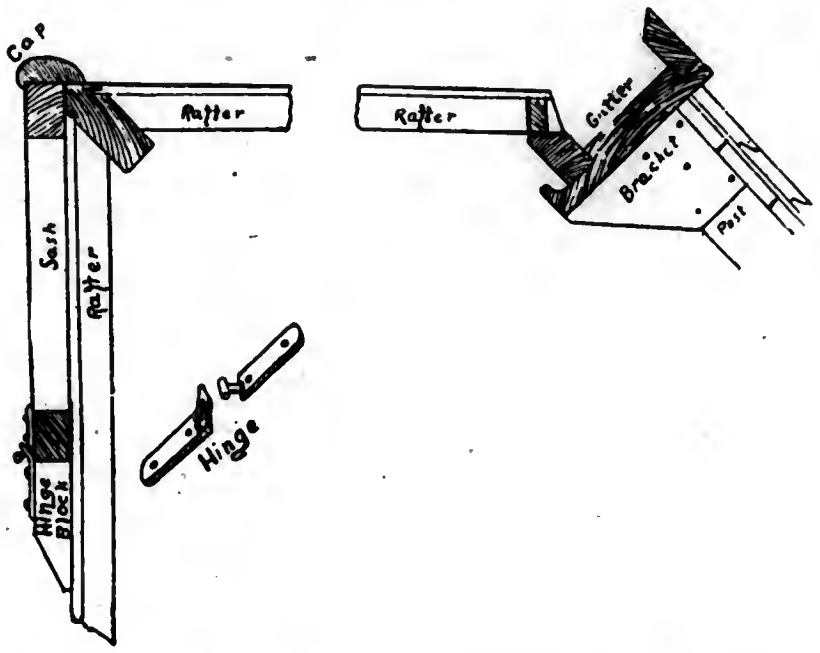
In houses running east and west the sash should be located on the south side, because, when open the sun will still shine through the glass instead of directly on the plant, which is a great advantage when house is shaded. If house stands north and south put sash on west side. If sash opens at the bottom cold winds and scorching sun rays have direct access to the plants when sash is open. Without an appliance of some sort that will lift a number of sashes with one operation, continuous sash cannot be used, but whether sashes are single or continuous I contend there is nothing about a greenhouse more useful, or pays for itself quicker, than a ventilating appliance. To open and close sashes by hand, one at a time, is a tiresome and vexatious labor and takes much time that could be better employed.

With a machine, air will be given and taken off when needed, and not put off on account of a lack of time, and at all times the sashes are secure from being blown open or off the house, resulting in expensive destruction that shows poor economy in doing without the much needed apparatus.

I have some of the 20-foot houses constructed on the long slope to the north. I have done so because it is the only way to avoid one house shading the other, when high houses stand east and west, and are close together. This plan of building is recommended by some of the best florists in this country, who grow cut flowers of superior quality. My own experience is limited, but I am willing to be guided by such men as Fred Dorner, C. W. Ward, George Miller and many others, who give their testimony in favor of this method.

Now, as to the better way to put in glass, butt or lap, I have proof that it largely depends on the pitch of the roof, if steep, say for instance, on the short span, south side, butt the glass; on the long and flatter slope lap it. As to details of puttying or not puttying; caps over the sash bars to hold the glass in, or no caps, I will leave every one to decide for himself.

There are some few things in building benches that are worth noticing. If you are putting side benches in a narrow house with a narrow center path, put together your benches as shown in sketch No. 1. Here notice the front post back about 6 inches from the face of



the bench, the face board nailed to end of bed piece and bottom board. After bottom is on, a right angle bracket 2 inches thick is spiked down over every bed piece and top of face board is nailed thereto. This prevents top of face board from warping out of shape. Always make bench frames independent of the side of the house. Some make gutter posts answer the place of one bench post by spiking the bed post to it. This helps to rot out the post and damages the building. If walk is 3 feet wide make bench frames as shown in cut No. 2.

The object in setting the front leg is to give more room in the walk so a box or barrel may pass without obstruction. When there is room I deem pattern No. 2 better, as the front leg extends above the bottom boards and makes a support for the face boards. An occasional brace should be put in to stiffen a line of benches; it is generally economy to use good lumber in benches.

I have found a coat of water-lime cement, applied every season inside the bench, to be a great preserver of the wood, and keeps sow bugs away. Mix cement with water and apply with a whitewash brush. The bottom boards should never be more than 6 inches wide, and if used for planting in, 3-inch slats ½-inch apart is better. One of the best evidences of a thrifty gardener or successful florist, is a neat, well-kept greenhouse, the walks of which are a very important part. Wet and muddy walks should not be tolerated, and need not be, when by adopting the following directions good pathways may be had at a small outlay of money and labor.

First level the walk and on each side lay a line of 2x4-inch scantling, fill in between with cinders and coal ashes saved from the winter's fireing; pack down until within 1 or 1½ inches of top of scantling, fill remaining space with a mixture one part water-lime cement, and three parts sand or sifted coal ashes, wet up into a stiff mortar, round up in center, and smooth off with a trowel, using a thin layer of dry cement on top, sprinkle with water while slicking over. This walk will last as long as the house and be a joy for a life time.

I would not advise to build houses of any width between 11 and 20 feet, say 12, 14, 16, or 18 feet for the reason that any size over 11 feet will require two walks to properly care for plants. Having these two walks it is a waste of glass if all the bench room possible to reach comfortably, is not provided along these walks. A 4-ft. bench is as wide as the average man can properly reach over, and is about the proper width. Now, in a 20-foot house there should be 8 feet of bench room in the center and 4 feet on each side, and with two walks, each 2 feet wide, making a total of 20 feet in the clear, and less will not be economical.

Greenhouses, like other buildings, are each year subject to changes and different methods of construction. Some are improvements while others may not be. We now have iron frames, iron pipe benches, with tile or slate bottoms, iron gutters, all of which are good in their way, if one has the money to buy them, but the poor man will always commence business in wooden structures, and for this class I have penned these instructions, and if they benefit or aid any fellow-being I am fully rewarded for the labor spent.

NOW.

Now is a good time to secure a copy of the Florists' Manual, by William Scott. You need it in your business. It is a book that will help you to save money and to make money. You cannot expend $5.00 in any better way. It is the best business investment you can possibly make. Start the new season in the right way—Mr. Scott's way. Let us have your order now.

BUFFALO TO MONTREAL.

Joining a small delegation at Toronto, we journeyed on Wednesday night to the metropolis of Canada, the ancient city of Montreal. We always form a picture of every city, whether we have ever seen it or not, whether it be Timbucto or Kalamazoo, and knowing just the geographical lay of Montreal we were more than agreeably pleased with this ancient town. It is a great business place and is to be much greater. Now that the great canals are finished 800-ton barges can be loaded at Duluth, Minn., and their freight transferred to ocean liners at Montreal.

You won't, Mr. Editor, let me write a historical sketch of the city, I know, because you want horticulture, but I could open quite a yarn about this bustling city and its hospitable people. What struck me at present was the great activity in building, and substantial structures at that. All Canada is at present time most prosperous. If you want to see most magnificent churches, go there. It's a wonder the grand architecture and marvelous decorations of "Notre Dame" have not started the ever bubbling muse of our Poet Laureate, Austin Shaw. If you want to see a mountain rise like a giant 800 feet above the waters of the St. Lawrence, gaze at Mount Royal. If you want to see a lot of well kept private gardens kept in fine order by real gardeners you will find them in all directions up and down the St. Lawrence and on the mountain slope. If you like the genuine Scotch highlander, you will find sterling specimens in Mr. S. S. Bain and Colin Campbell. You can imagine either of them holding a lowlander in disdain, and saying: "These are Clan-Alpine's warriors true and, Saxon, I am Roderick Dhu."

There are immense establishments for making mountain dew, but we don't speak as we pass by. If you like frogs' legs and admire French beauty in variety, two-thirds of all the city are it. But I am informed that the French that is spoken in Montreal would not be understood in Paris.

If you would like to have your remnant of hair stand up straight and be told all the time, "Look, S., is it not grand?" go through the Lachine Rapids. If that old Indian who pilots that steamboat through this channel of rocks with the boiling, raging waters round you, a mile from shore, should have a fit some afternoon while at the wheel, there would be several hunded others have a fit, and well for them if they were fit to go, for it would be all off. I was not scared in the least, but, as Mr. Mefsled remarked, we would prefer that a few more rocks were removed before our next visit. No hurry about it at all.

We were delighted with the cordial greeting given the visitors and the continual desire to make us happy. This I know is the sentiment of all

the visitors. The writer has reason to feel slightly hurt, but the incident will be forgotten with the lapse of time. A gentleman belonging to the great family of Smiths, and this particular one is a most excellent gardener but very outspoken. It appears he had honored me by reading some notes I have written in the past and formed some idea of the author. Here is his reception:

"How do you do, Mr. Smith?"

"How do you do? Well, well, this is W. S. of Buffalo; well, well, I am disappointed. I expected to see a great, big, 6x3 man, and came down here in full highland costume."

Cities of Canada are far apart and distances great, but with all that the attendance at the convention was over 60 per cent increase of last year. The sessions were well attended by all and the greatest attention given to the papers and discussions. In this respect the society could give points to some other larger societies. The Canadian journals will doubtless give full reports of all that occurred. I cannot, however, refrain from mentioning a few of the papers that impressed me as of remarkable value. Mr. S. S. Bain read a very vigorous paper on organization. The truths which he quoted are good if carried out. Mr. King gave us a long and most thorough talk on stoking fuel, heating and ventilation. This is a really most scientific paper and every word of it is of value to every man who has a greenhouse. Automatic ventilation is doubtless the thing of the future and Mr. King is master of the subject. What to me was a gem and considered by all a masterpiece was a paper by Mr. Robinson. The title, "How to Make a Private Place Attractive," is not a startling one, but I assure you Mr. Robinson handled it in great style and what is more, can show in the beautiful place under his charge that he can practice as well as preach. Every gardener in the land should read this splendid paper, it will do you good no matter whether you have charge of the Duke of New York's place or the humblest garden. There is every evidence that the Canadian Horticultural Society will grow in strength and usefulness, and I am glad I was there. W. S.

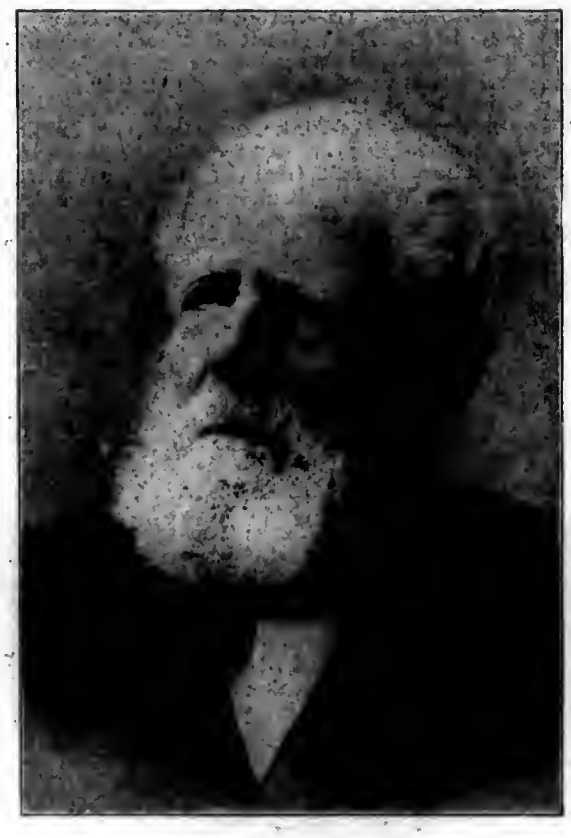
OBITUARY.

Louis Menand.

Louis Menand, the patriarch of American florists, died August 15 at his home in Albany, N. Y., at the ripe age of 93 years.

Mr. Menand was born in France but came to America in 1837 and found his first employment here with Grant Thorburn in New York. Later he started in business for himself in Albany and carried on business there the remainder of his lifetime. He was the oldest living florist in America and his passing cuts the last living link with the very early days of the trade in America.

At the suggestion of the writer Mr. Menand some years ago wrote an autobiography. It is an extremely in-



The Late Louis Menand.

teresting volume and of great historical value. His descriptions of the early exhibitions in New York city, for which he had to transport his plants from Albany by boat, throw a flood of light upon the horticultural celebrities of the period, and indicate, by the way, that the characteristics of the exhibitors of those days did not vary essentially from those of the present.

Mr. Menand's establishment at Albany soon acquired a national reputation. He loved plants for their own sake and the variety of his stock was such that one could feel sure of finding at his place specimens of many subjects not to be had elsewhere in the country. He was especially fond of orchids and many of the finest gems of this royal family made their American debut at his establishment.

Mr. Menand was of a kindly, genial disposition, an original thinker, and had been an omniverous reader, which made his correspondence unusually interesting. He stood high in the community and his death will be deeply mourned by an unusually wide circle of friends and acquaintances.

Among the writer's most cherished mementoes of celebrated horticulturists are a number of personal letters from Mr. Menand, and though over 85 years of age at the time, the writing showed few traces of his advanced age.

His most serious trouble was the death of his wife, who had been a loving helpmeet for over half a century, and the letter announcing her death was one of the most pathetic we ever received.

A good man has gone; in the full ripeness of years he has been gathered to his fathers; but he left an impress upon American floriculture that will never be effaced. May we all live as full and useful lives as he who lived to watch American floriculture from almost its inception up to the beginning of this new century.

LILIUM HARRISII.

A very successful grower says that most florists give their Harrisii too much water. He keeps them very much on the dry side till buds form.

He pots them in ordinary soil, places in a frame, covers with two inches of earth, then puts on the sash and shutters on top. Not a drop of water is given until the bulbs are taken in, and they are even then watered very sparingly. In this way all the fine working roots are preserved in active condition and a stout, firm growth is made. When the buds show, more water is given.

ST. LOUIS.

The Market.

The weather remains dry and hot and growers are very much in need of a good rain. The cut flower trade drags along as usual at this time of the year.

Good stock of all kinds is scarce, but plenty of bud roses are in the market just now; the best quality finds a ready sale, but there is little of it coming in and most of the stock offered in roses is of such quality that nobody cares to buy it at any price. The price of the bulk of the stock is from $2 to $3; only the best selected Kaiserins, Meteors, Brides and Maids bring the top figure, $5. A few Beauties are coming in, all short stemmed, very soft, and don't sell well at any price. Carnations, good stock, are very scarce, though plenty of poor ones come in that sell at 75 cents per hundred, mostly white. Colored ones are very scarce, and fair blooms are hard to obtain in this market. Tuberoses, gladoli, hydrangeas and other outdoor stuff is plentiful and the market is glutted with some of them. Clematis paniculata is now in bloom and the store men are using it up in choice funeral work.

The outlook for better quality of stock in the near future is very promising, from the reports of our local growers and from those who ship to this market.

Various Notes.

Visitor last week was W. D. K. Smith, representing the Dayton Folding Box Co. of Dayton, Ohio.

Mrs. M. M. Ayers left Friday night, and James Young and son, C. A. Kuehn, Harry Young, J. W. Kunz, Chas. Connon and wife, and George Windler and mother left Saturday night for New York to attend the S. A. F. convention.

F. J. Riese, formerly of Chicago, now



Chicago Florists' Club's Convention Special Train.

with the Plant Seed Co. of this city, had the misfortune to lose his four months old child. Mr. Reise has our sympathy.

Mr. Wm. Bouche, the landscape gardener, has plenty of work on hand just now. The laying out of the new Kinloch Park is his latest.

August Schuerman will decorate the Coliseum this year for the opening of the seventeenth annual exposition, which opens Sept. 17th and closes Oct. 20th, 1900.

Bowling Cont st of S. A. F.

The bowling contest at the S. A. F. convention in New York will no doubt be one of the features of the meeting. St. Louis will not be able to send their regular team, but may enter a scrub team made up of florists from our city. A fair team could be made up as follows: C. A. Kuehn, J. W. Kunz, F. C. Weber, John Young, Harry Young, George Windsor, or James Young. If they don't enter as a team they will enter in the individual games and may bring home a prize or two in that way. In watching the different clubs' scores during the last few weeks, I will try to pick the winners. If Chicago rolls true to form they should win first place, Buffalo second, and Philadelphia third. With St. Louis out, these three clubs should be one, two, three at any stage of the game. Flatbush, New York, Omaha, and Detroit should come next. By the time this issue is in the hands of our readers the contest will be at an end; then see if I am not right. Should the Chicago boys be the lucky winners, and I hope they will, the St. Louis club will roll them this fall for their honors. Sorry I can't be with you this year, but I wish you all the best of luck and may the best team win. J. J. B.

PIQUA, OHIO.—A quiet but pretty wedding was celebrated Wednesday, Aug. 15th, at the home of the bride's mother, Mrs. Malinda Garity, at Oran, Ohio, which united the hearts and lives of Mr. Philip W. Sands and Miss Anna Roman. Mr. Sands is foreman in the greenhouses of H. P. Smith of this city, having come here some months ago from Baltimore, Md., where he was foreman in a large range of houses owned by his father. He is a florist of wide experience and a gentleman of integrity and worth. Miss Roman is a bright, brilliant young lady and is highly respected by all who know her. Their many friends wish them a happy and prosperous married life.

White Ants.

M. H. says he is troubled by white ants that come out of the wood of the house and eat off his American Beauties. E. B. suggests that if the ants are not in the rose beds kerosene or gasoline poured into their holes will help. On the beds insect powder or air-slaked lime sometimes destroys them.

OCEANIC, N. J.

Monmouth Co. Hort. Soc.

A very well attended meeting of the society was held Aug. 17. It was decided to hold the chrysanthemum show at Red Bank in the Town Hall, Nov. 9, 10 and 11. A communication from the Pan-American Exposition was read and very well discussed. By motion of Robert Murphy, seconded by Robert Beaty, a legislative committee was appointed to attend to the latter communication at once. The following members were appointed, with the officers of the society, ex-officio: Robert Murphy, chairman; H. Macintosh, H. Birch, A. Brighton, T. Nielsen. B.

SAMUEL S. PENNOCK. **Wholesale Florist**

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. **1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—Practical and experienced florist and nurseryman; 20 years' experience; strictly temperate. Address 30, care Florists' Review.

FOR SALE—1,000 feet 4 inch cast iron pipe, 5-foot lengths, as good as new; also T and El. other fittings 10c per foot delivered at depot here. H. V. Sowle, New Bedford, Mass.

FOR SALE—Greenhouse in live western town, 5,000 population; no competition; nearest greenhouse 60 miles; small amount of cash required. Have in connection best confectionery, fruit and ice cream trade in city. Address G. B. D., care of Florists' Review.

FOR SALE—At a bargain on account of ill health, good florist business, everything nearly new; 8-room dwelling, barn, 5 greenhouses, 5000 feet glass, 2 boilers. Good plant, cut flower and nursery trade. Care of two cemeteries. Best shipping facilities. In a good business town. Address W. D. Chase & Son, New London, O.

SITUATION WANTED—As foreman, by a first-class florist, well up in rose and cut flower growing; good plantsman; best of references; single; open at once. Address Foreman, care Florists' Review.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

WANTED—Open for purchase of florist business; wholesale or retail; live western town preferred. Address B. B., care Florists' Review.

WANTED—An all-round florist and designer to operate plant; 5 houses, hot water. $30 00 per month with board and room. John R. Laws, Columbus, Miss.

FOR SALE OR RENT—Three greenhouses, steam heat; good location; houses in good condition; must sell on account of death; good business place for a lively florist. Inquire on premises, Mrs. Rindfleisch, 1500 Pearl street, Cleveland, Ohio.

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WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

MUST BE SOLD AT ONE-HALF COST. 9 greenhouses, 30,000 feet capacity, situated 25 miles east of Buffalo, on N. Y. C. Terms easy. D. DIMOCK, Corfu, N. Y.

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Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St., FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

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I want to rent a place of from 4,000 to 6,000 square feet of glass, within 200 miles of Chicago. Address with full description, and terms for prompt cash rent,

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SITUATION IN RETAIL PLACE.

Good designer and decorator; English; age 25; single; five years on place of 20,000 square feet of glass. The best of references. State wages.

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Salesman Wanted

in our Flower Seed Department; must be thoroughly familiar with Flower Seeds and Bulbs; also acquainted with the florists' trade.

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THE MOST MONEY.

To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florists' Manual, by Wm. Scott, keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

Have you used the PERFECT FLOWER POT HANDLE AND HANGER? It is just the thing for Easter to display your plants by hanging them on walls' etc., especially when you are crowded for room.



Also for lifting plants out of Jardinieres. Will sustain a weight of 100 lbs.

No. 1 will fit from 2 to 5-inch pots, per dozen, 30c
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By mail, 10c extra per doz. Sample pair, 10c, postpaid.



USE W. C. KRICK'S FLORISTS' IMMORTELLE LETTERS, Etc.

Medal awarded at the World's Fair and highest award wherever exhibited.

These Letters and Designs are made of the best Immortelles wired on wood or metal frames, having holes drilled in them to insert toothpicks, by which they are fastened in the design. Give them a trial. You will find these goods to be superior to any in the market 2-in. Letters. $2.50 per 100. Postage 15 cents per 100.

For other styles of Letters, Emblems and Designs, send for catalogue. Before purchasing send for free sample and catalogue, and compare with any other letter on the market.

For Sale by all Florists' Supply Dealers.

W. C. KRICK, 1287 Broadway, Brooklyn, N.Y.

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FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

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Fall Season, 1900

Following are only a few of our Specialties and Novelties.

Violet Cords and Tassels,

Baskets, Fancy and Plain,

Immortelles, all colors,

Enamelled, Celluloid and Willow Pot Covers,

Moss Wreaths,

Enameled Pedestals,

Artificial and Wax Flowers and Leaves,

Doves,

Sago or Cycas Palm Leaves,

Metal Designs,

Dried Grasses, Chenille,

Adjustable Pot Covers,

Our famous, unparalleled "Wheat Sheaves," flat and standing.

Crimped Paper Pot Covers, in the newest shades.

EVERY FLORIST WILL NEED OUR GOODS.
THERE ARE NONE BETTER.
THEY WILL MAKE YOU MONEY.

We take this opportunity to again call your attention to the real live fact that we are importers and manufacturers of

Florists' Supplies,

"SECOND TO NONE."

IF YOUR NAME does not already appear on our books, there must be something wrong, so send for our New Illustrated Catalogue, for terms and conditions, and to further convince you of the just treatment you will receive from us, make inquiries of any of our numerous customers; we will then feel confident of your patronage.

M. RICE & CO.,

918 Filbert Street, Philadelphia, Pa.

We most cordially invite inspection and comparison of our unexcelled stock.

QUOTATIONS CHEERFULLY GIVEN.

Write for our New Fall Catalogue and "RED STICKER," used by everyone.

CHICAGO

The Market.

Market conditions are about the same as last reported, although a slight increase in demand and quality is noticeable. Receipts somewhat lighter. Auratum is more plentiful. Asters fell off considerably the first of the week, but have picked up again. The heavy rains damaged most all local outdoor stock. Many deaths have followed the heated period, thus creating a heavy demand for funeral stock.

Visitors in town the past week were: Albert Haisch, of the Memphis Floral Co., Memphis, Tenn.; Mr. Lemke, St. Paul, Minn., and E. S. Thompson, of the Michigan Seed Co., South Haven. Mich.

Various Items.

Wietor Bros. have their 15 new houses completed and five are already planted. The houses are 30x300 each, all connected, the Garland iron gutter being used throughout, about 4,700 feet being used in the range. The gutters are supported by iron pipe posts set in cement. They consider this iron gutter a splendid thing.

Five of the new houses are planted with Beauties and the others will be planted with carnations. They expect to bench this year 125,000 carnations, 65,000 Beauties, 30,000 Maids and Brides, 10,000 Meteors and 3,000 Perles. In carnations their leaders will be Crane, America, Hill, Triumph, White Cloud, The Marquis, and their pink sport of Armazindy, of which they will bench 2,000 plants. They will drop Bradt and Armazindy, finding little call for other than solid colors.

W. W. Barnard & Co. have their florists' fall catalogue nearly ready for press. It will be mailed as soon as ready to all customers and to any one in the trade who applies.

Mr. J. J. Curran, of Van Bochove & Bro., Kalamazoo, Mich., was a caller last week.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

N. Studer, Anacostia, D. C., registers Nephrolepis Washingtoniensis erecta, A seedling originated in Anacostia four years ago. Fronds thick and leathery, with metallic luster, five feet and upwards in length and twelve inches or more in width. Habit upright.

Nephrolepis Washingtoniensis pendula. Seedling originated in Anacostia about four years ago. Fronds thick and leathery, with metallic luster, five feet and upwards in length and twelve inches or more in width, with dark brownish midrib. Habit drooping.

WM. J. STEWART, Sec'y.

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THE "OLD RELIABLE" FOR
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Hunt's Flowers Go Everywhere.
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Wholesale Growers of and Dealers in CUT FLOWERS
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A. L. RANDALL
Telephone 1496
Wholesale Florist,
4 Washington St., Chicago.
In our new and enlarged quarters we are better prepared than ever to handle your orders.
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J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
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ALL THE NEW VARIETIES.
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FOR SALE.
1500 N. Cordata Compacta
in 2-inch pots, strong plants at $3 00 per 100.
Also strong plants from bench, $2.00 per 100.
Chas. Schweigert, Niles Center, Ill.
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Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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F. F. BENTHEY, Mgr.
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Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices
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WHOLESALE FLORIST,
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Growers of CUT FLOWERS at Wholesale
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
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Special Attention given to Shipping Orders.
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Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

California Grown Bulbs

	Per 100	Per
Calla Lilies, monster bulbs	$7.00	1000
" 6 in. circumference at crown	4.00	$35.00
" 5 " " "	3.50	30.00
" 4 " " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering, healthy bulbs. Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers, $20.00 per 100.

F. LUDEMANN,

Pacific Nursery, San Francisco, Cal.

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"Green House Putty"

(TRADE MARK.)

To be applied with a bulb. The only Putty made to work this way for green house sash.

One gallon, 20 lbs.

Has been used by florists in this city for years. Try it and you will use no other.

We have been using the T. H. Nevin's "Green-House Putty" for some time and are pleased to recommend it to all those who wish a number one article. It has always given us perfect satisfaction. When you use this Green House Putty you will be sure of good results from same. Signed:—

JOHN RODGERS, Florist, Green Tree Boro, Pa.
HARTMAN BROS., Florists, Allegheny, Pa.
FRED. BURKI, Florist, Bellevue, Pa.

T. H. NEVIN CO.,

CORRODERS OF STRICTLY PURE LEAD,

Office and Works, ALLEGHENY, PA.

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Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey. All clean healthy stock from 2 and 2½-in. pots, at $2.50 per 100. Also Mme. Bruant from 3-in. pots, at $3.50 per 100.

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NEW CROP NOW READY.

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Also, J. B. DEAMUD, Chicago, Ill.
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THE VAIL SEED CO., Indianapolis, Ind.

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We Still Have to Close Out Cheap

2500 Maids, 2½-in. **500 La France,** 2½-in.
1000 Perles, 2½-in. **1000 Meteors,** 3-in.
500 Am. Beauties, 2½-in. **500 Kaiserins,** 2-in.

Boston Ferns, now ready for 5 and 6-in. pots.

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New Imperial, best dark violet to grow, $3.00 per 100; $25.00 per 1000.

Roses—Meteors and Perles, extra fine stock, from 3-in. pots, $3.00 per 100; $25.00 per 1000; also Maids and Brides, 3-in. pots, same price.

CRABB & HUNTER, Grand Rapids, Mich.

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Send for Descriptive Circular and Prices of the BEST Hose Nozzle for Florists' Use.

	Per 100
Asparagus Plumosus, 2¼-inch	$5.00
Asparagus Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Begonia Rex, 2¼-in.	4.00
" " 3-in.	6.00
" " 3½-in.	8.00
Baby Primrose, 2¼-in.	4.00
Cyperus (Umbrella Plant) 2¼-in	4.00
Dracaena Ind., 3-in.	6.00
Dracaena Ind., 5-in.	$25.00
" " 6-in., extra.	50.00
Palm, Washingtonia Filifera, 2¼-in. $4.00; 3-in.	6.00
Fuchsias, 2¼-in. $3.00; 3-in.	4.00
Geraniums, Ivy, 3½-in.	4.00
S. A. Nutt, Double Grant, La Favorite, Elizia, Glo. de France, etc, 2¼-in.	3.00
Happy Thought, 2¼-in.	4.00
Double New Life, 2¼-in.	6.00
Heliotrope, 2-in., $3.00; 4-in.	$6.00
Hydrangea, pink and white, 2¼-in.	5.00
Impatiens Sultani, 2¼-in.	3.00
Lemon Verbena, 2-inch	3.00
Var. Trailing Abutilon, 2¼-in.	4.00
Violets, Farquhar, 2¼-in.	2.50
" " 3in.	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00

ROOTED CUTTINGS. Per hundred.

Anthemis Cor., (Dble. Yellow Marguerite)	$1.50
Begonia Rex	2.00
Forget-Me-Not, winter flower	$2.00
Geraniums, sweet, in variety	1.50
Named	1.50
Vinca	$1.25
" per 1000	10.00
Snow Crest Daisy	2.00

Write us for prices on 1,000 lots. Terms—Cash or C. O. D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

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FIRST QUALITY FORCING ROSES.

Reduced Prices TO CLOSE OUT.

Fully equal to those sent out the last eight years, first-class and perfectly healthy in every respect. Only selected growth from flowering shoots used in propagating.

AMERICAN BEAUTY, METEOR, BRIDESMAID, SAFRANO, BON SILENE, PERLE, KAISERIN, MAID OF HONOR, BRIDE,

3-inch pots, $5.00 per 100; 4-inch pots, $8.00 per 100.

Grafted Roses. MAID OF HONOR, GOLDEN GATE, 3½-inch pots, $15.00 per 100. LIBERTY, 4-inch pots, $8.00 per doz.; 50 plants for $24.00.

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1000 BRIDESMAIDS, 2½-inch, **$2.50** per 100; **$20.00** per 1000.
1000 GOLDEN GATES, 2½-inch, **$2.50** per 100; **$20.00** per 1000.

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Every leaf guaranteed perfect,

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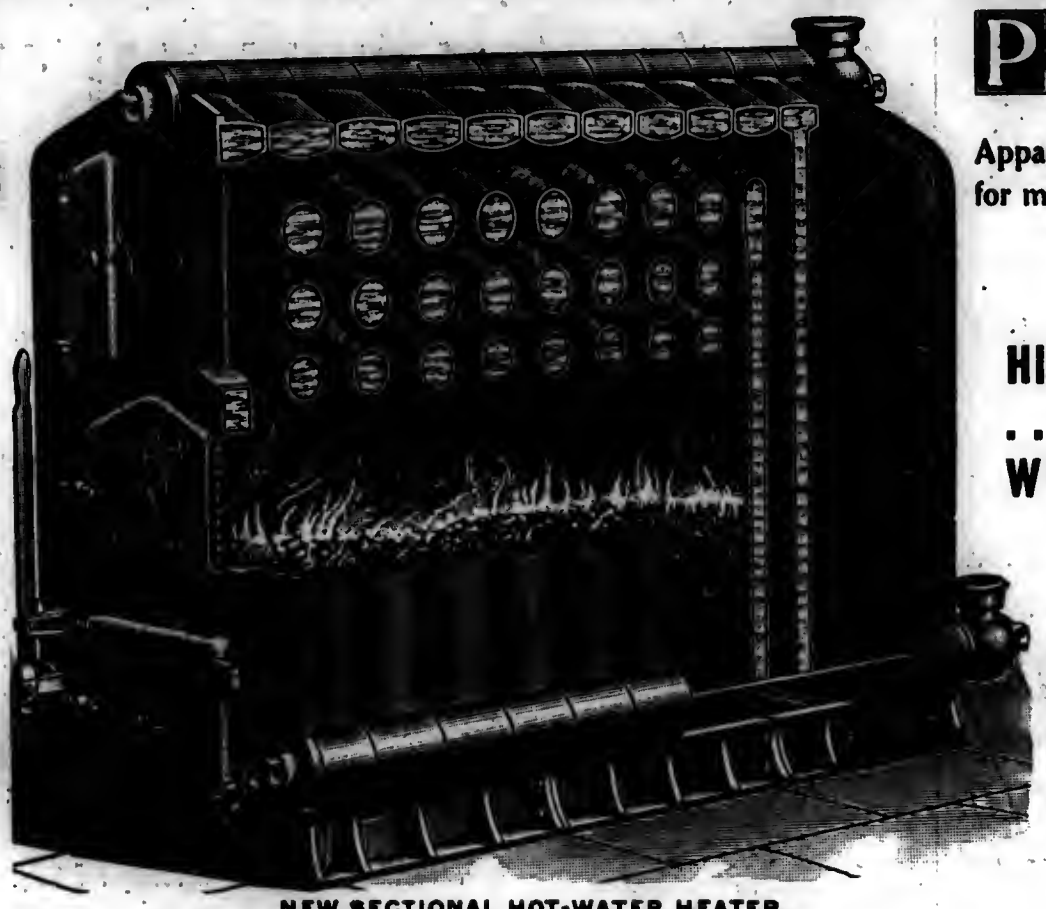
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NEW SECTIONAL HOT-WATER HEATER.

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es furnished for Cypress Greenhouse Material. We make special Cypress Hot-Bed Sash and Frames. Price

PLANS and estimates furnished on application for Heating and Ventilating Apparatus erected complete or for material only.

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CATALOGUE of Patent Iron Greenhouse Construction sent on receipt of 5 cents postage.

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SPECIALLY
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ESTIMATES SENT ON APPLICATION FOR

CLEAR CYPRESS

Greenhouse Material of superior quality and finish.

Write us for prices and samples, comparing the latter with others before ordering.

General Office and Works: Irvington-on-Hudson, N. Y.

Good Strong ....Stock

		Per 100
5000 Mixed Geraniums	2¼-in.,	$1.50
2000 Named "	"	2.00
5000 Chinese Primroses, white, red, pink and blue	"	2.00
2000 Begonias, mixed	"	1.50
1000 Red Vernon	"	1.50
1000 Erfordi	"	1.50
1000 Asparagus Sprengeri	3-in.,	6.00
500 Nice Rex Begonias, mixed	4-in.,	10.00
Calla Bulbs, 1½-in.,		7.00
Pansy Seed, Giant and Fancy mix		$4.00 per oz.

THE MORRIS FLORAL CO.
MORRIS, ILL.

Asparagus Plumosus Nanus,

Fine young plants, $5.00 per 100.

BEGONIA REX, strong 3-inch pot plants in in good assortment, $6.00 per 100.

CYPERUS ALTERNIFOLIUS, 2¼-in. pots, $3.00 per 100.

CYCLAMEN, Dry Bulbs, finest strain mixed, $6.00 per 100.

CAREX JAPONICA VARIEGATA, an excellent decorative grass. Extra strong plants from 2½-inch pots, $5.00 per 100.

NEPH. CORDIFOLIA, 2½-inch pots, $3.00 per 100.

SMILAX, field grown, strong clumps, $3.00 per 100; extra heavy, $5.00 per 100,

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FIELD GROWN PLANTS.
F. DORNER & SONS CO.,
LA FAYETTE, IND.
Send for Price List.
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...30,000...
Field Grown PINKS.

23 varieties. Scotts and Jahn's Scarlet, $4.00 per 100. Prices of other varieties on application.

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FIELD-GROWN **CARNATIONS**
With Plenty of Roots.
Send for prices on 35 best new and standard varieties.
GEO. HANCOCK & SON, Grand Haven, Mich.
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The TRUE and the TRIED STOCK
OF LILIUM HARRISII
OR BERMUDA EASTER LILY BULBS.

We venture to say that our **Three-Leg Brand of Lilium Harrisii and Longiflorum** is freer from disease than any other stock grown in Bermuda. The statement is verified by customers who have grown and forced it exclusively for years and will have no other.

IT IS NOT THE CHEAPEST, BUT THE BEST.

After filling all advance orders, we have left a few boxes of each size, and this is our price:

	Per 1000	Per 100
5 to 7-inch Bulbs, 400 in a box	$50.00	$5.50
7 to 9-inch Bulbs, 200 in a box	100.00	11.00
9 to 11-inch Bulbs, 100 in a box	200.00	20.00

		Per 1000	Per 100
LILIUM HARRISII, as usually sold, 5 to 7-inch bulbs		$40.00	$4.50
ROMAN HYACINTHS,	White, 12–15 cent.	16.00	1.75
	White, 11–12 cent.	12.00	1.50
	White, 13–15 cent.	20.00	2.50

NARCISSUS TRUMPET MAJOR, fine for forcing early, $12.00 per 1000; $1.50 per 100.

FREESIA REFRACTA ALBA, first size, $5.00 per 1000; extra size, $7.00 per 1000; monsters, $8.00 per 1000.

All the above are now ready for delivery.

CLUCAS & BODDINGTON CO.,
342 W. 14th St., NEW YORK CITY.
Telephone 461 18th.
Importers, Exporters and Growers' Agents of SEEDS, BULBS and PLANTS.
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Genevieve Lord...

The finest of all commercial Pink Carnations. So pronounced by all who have handled it. It is so different from all other pinks that it must be classed by itself.

We offer STRONG FIELD GROWN PLANTS, August 20th to September 1st delivery, at the following prices:

First size, **$12.00** per 100; **$100.00** per 1000; **$2.50** per doz.
Second size, **10.00** per 100; **75.00** per 1000; **2.00** per doz.
6 plants at dozen rate; 50 plants at 100 rate; 500 plants at 1000 rate.

Orders booked now. First come, first served. Orders also booked for Rooted Cuttings, delivery January 1st, $5.00 per 100; $40.00 per 1000.

H. WEBER & SONS, - Oakland, Md.

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RECORD MADE BY **The Queen of Edgely,** WINNER OF HIGHEST HONORS WHEREVER SHOWN.

Originated Four Years Ago as a Sport of American Beauty at the Nurseries of THE FLORAL EXCHANGE, Inc., EDGELY, PA.

March 27, 1900.—Exhibited First Time, Rose Show, Eden Musee, N. Y.—CERTIFICATE OF MERIT.

April 3, 1900. REPORT OF JUDGES, PHILADELPHIA FLORISTS' CLUB:

"We are convinced that this variety is a VALUABLE ADDITION to the list of FORCING ROSES, being in every respect, EXCEPT COLOR, the exact counterpart of the AMERICAN BEAUTY. The color is a BEAUTIFUL, BRIGHT PINK, which is good, even in the full flowers. The FRAGRANCE is also as FINE AS THAT OF BEAUTY, and the exhibited blooms showed remarkable vigor."

Signed— ROBT. KIFT. JOS. HEACOCK. WM. MUNROE.

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MAY 5, 1900. SILVER MEDAL AWARDED BY MASS. HORTICULTURAL SOC.
MAY 9, 1900. SILVER MEDAL AWARDED BY THE AMERICAN INSTITUTE, N. Y.

PLANTS READY FOR DISTRIBUTION, APRIL, 1901.

....SEND FOR BOOKLET TO....

OR ROBT. CRAIG & SON, Eastern Agents,
49th and Market Sts., PHILADELPHIA, PA.

OR E. G. HILL & CO., Western Agents,
RICHMOND, IND.

The Floral Exchange, Inc.
335 North Sixth Street,
.....PHILADELPHIA, PA.

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WRITE US

For prices on the following Everblooming Roses in 4-inch pots, healthy and well grown: Bride, Bridesmaid, Golden Gate, Kaiserin Augusta, La France, Meteor, Mme. Caroline Testout, Perle des Jardins, Papa Gontier, Safrano, President Carnot, Muriel Graham, Souv. de Wootton, by the hundred.

HOOPES BRO. & THOMAS.
Maple Avenue Nurseries, WEST CHESTER, PA.

EXTRA FINE, FIELD-GROWN
Carnation Plants!

Let Us Figure on Your Wants.

CHICAGO CARNATION CO., Joliet, Ill.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., ready for 4s, $4.00 per 100. Heliotrope, the very best dark blue, strong grower, new field-grown stock, plants full of cuttings, ready for 5-in. pots, $10 per 100. Coleus, newest and latest varieties, fancy colors in flats, large plants, $1.00 per 100. Cinerarias, superb strain, in flats, ready for shifting, $1.50 per 100.

PANSY SEED.

New crop, superb strain, prize mixture, of Bugnots, Cassiers and Odier, ¼ oz., 75c; oz., $2.50. Separately—¼ oz., $1.00; oz., $3.00. Trimardeau, $2.00 per oz.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

3000 Meteor Plants

3½-in. pots, per 100, **$3.00**; per 1000, **$25.00.** Big, strong and in prime condition. Although the season is well advanced, with these plants there is a reasonable chance of success.

BRANT & NOE, Forest Glen, Chicago, Ill.

ROSES

Perle	Sunset
K. A. Victoria	Souv. de Wootton

Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides	Golden Gate
Bridesmaids	La France
Bon Silene	Maid of Honor
Duchess of Albany	Mermet

Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Liberty 12 plants for.....$7.20
25 " " 12.50
50 " " 15.00
100 " " 28.00

Chrysanthemums.

Mrs. Barr, Silver Wedding, all fine varieties, strong plants, from 2¼-in. pots, $4.00 per 100.

Dorothy Devins	Black Hawk
Elvena	J. H. Woodford
H. W. Longfellow	Iora
H. L. Sunderbruch	Mrs. H. Weeks
Miss Helen Wright	Maude Adams
Pitcher & Manda	Belle of Castlewood
Pride	Helen Bloodgood
B. M. Giroud	Marguerite Graham
J. H. Troy	Minerva
Mrs. S. Humphreys	Riverside
Mme. F. Bergmann	T. B. Morse
	W. H. Lincoln

Strong plants, from 2¼-in. pots, $2.50 per 100; $20.00 per 1000, for our selection of above varieties.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION.

WOOD BROS., FISHKILL, N.Y.

Mention The Review when you write.

ROSES.

		Per 100	Per 1000
Brides	2½-inch.	$3.00	$25.00
"	3-inch...	5.00	45.00
Maids	2½-inch.	3.00	25.00
C. Soupert	2½-inch.	3.00	25.00
"	3-inch...	5.00	45.00
Meteor	2½-inch.	3.00	25.00
"	3-inch...	5.00	45.00
American Beauty	3-inch...	8.00	75.00

MIXED JARDINIERE FERNS, mostly Pteris varieties, **$3.00** per 100; **$25.00** per 1000.

ASPARAGUS SPRENGERI, 2½-inch, **$4.00** per 100; **$35.00** per 1000.

ASPARAGUS PLUMOSUS, 2½-inch, **$6.00** per 100; **$55.00** per 1000.

ADIANTUM FARLEYENSE, fine stock, 6-inch pots, at **50c** each.

SMILAX, 3-inch, **$4.00** per 100.

DRACÆNA TERMINALIS, 4-in., **$15** per 100.

PHŒNIX CANARIENSIS, elegant stock, 4½ to 5-in., **$20** per 100.

CHAMÆROPS EXCELSA, 5-in., **$25** per 100.
" " 4-in., **$20** "

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

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ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

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DREER'S Special Offer of SEASONABLE STOCK

ASPARAGUS SPRENGERI.

A fine lot of strong plants in

2-inch pots	$5.00	per 100,	$40.00 per 1000
4 "	1.50	per doz.,	12.00 per 100
6 "	4.50	"	35.00 "

ASPARAGUS PLUMOSUS NANUS.

A fine lot of thrifty young plants ready to pot up.

2-inch pots .....75 cts per doz., $6.00 per 100, $50.00 per 1000

FICUS ELASTICA. (Rubber Plant.)

4-inch pots, 10 to 12 inches high	$4.00	per doz.,	$30.00 per 100
6 " 15 to 18 "	6.00	"	50.00 "
6 " 20 to 24 "	9.00	"	75.00 "

For a full line of Decorative plants and other Seasonable Stock see our Quarterly Wholesale Trade List.

CYCAS REVOLUTA.

(SAGO PALM.)

We have a large stock of Cycas, especially in medium sized plants, suitable for retailing for house decoration. All of these sizes are in very good condition, and we are certain will give entire satisfaction.

STEMS.	LEAVES.		EACH.
3 to 4 in. high	6 to 8	12 to 15 in. long	$1.00
4 to 5 "	8 to 10	18 to 20 "	1.50
5 "	12 to 15	18 to 20 "	2.00
6 "	12 to 15	20 to 24 "	2.50
6 "	15 to 18	22 to 26 "	3.00
8 "	18 to 20	24 to 26 "	4.00
8 "	20 to 25	24 to 28 "	5.00
12 "	25 to 30	24 to 28 "	7.50
12 "	25 to 30	30 to 36 "	10.00

Invitation. Florists attending the Convention in New York are cordially invited to visit our establishment at Riverton, N. J. Our representatives will be found in Convention Hall and will gladly give information as to best way to reach Riverton.

HENRY A. DREER,

714 CHESTNUT ST., PHILADELPHIA, PA.

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Continued to SEPTEMBER 1st.

100,000 plants for sale at half price and less to make room.

Roses—20,000 strictly A1 plants, 3½ and 4-in. (big fellows), Bride, Perle, Meteor, Maid and Golden Gate, only 4c.; worth 10c. The same in 2½ and 3-in., only 3c.; cheap at 6c.

Smilax—15,000 double extra, guaranteed as good as you ever planted, $1.00 per 100, $10.00 per 1000; as many as you want.

Geraniums—10,000 Bruanti (dbl. scarlet) and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders; strong 2½ and 3-in, only $1.50 per 100. Bear in mind this is only the price of Rooted Cuttings, and you can't buy them for double that in a month.

Dbl. Fringed Petunias and Coleus—In superb collection. Ageratum (Princess Pauline) and White Lady, only 1c.

Fuchsias—Strong 4-in., $1.00 per doz; 2 and 2½-in., $1.50 per 100.

Calla Bulbs—Strong 8 and 10c. size for 5c.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

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NEW CROP NORTHERN FERNS. 50 cents Per 1,000.

Laurel Festooning 4c to 6c per yard. Best of goods always on hand.

CROWL FERN CO., - MILLINGTON, MASS.

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CELERY and CABBAGE

CELERY. Pink Plume and New Rose (extra strong), Boston Market, Giant Pascal, White Plume and other var, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CABBAGE. H. Succession, Second Early, Premium Flat Dutch, Late Drumhead, Drumhead Savoy and other var., 15c per 100; $1.00 per 1000; $8.50 per 10,000.

KALE. Dwarf Green Curled Scotch, same price as Cabbage. If any of the above by mail, add 10c per 100

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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CANADIAN HORT. ASS'N.

The third annual convention of the Canadian Horticultural Association, held in Montreal August 16 and 17, was very successful. Following will be found some of the reports and essays read at the meeting:

Secretary's Report.

It seems to be a little difficult for a secretary to make an orthodox annual report without encroaching upon the preserves set apart for the president in his address, more especially when the two are not within hail of each other and cannot conveniently compare notes. However, if I should usurp any of his prerogatives I hereby beg to tender my humble apologies to him and the members present and ask them to put it down to my zeal for the cause.

I think all those who attended the former conventions of the association will agree that the Ottawa convention of last year was by far the most interesting and profitable one that has yet been held and that the result of that meeting was a firmer determination on the part of those present to keep the ball rolling at any cost, so that like the snowballs we made in our young days, it would gather in size and importance the more we pushed. The consequences of the "big push" that has been made will, I have no doubt, be seen in the increased number of members at this convention, the increase in the size of the treasurer's bank account, the increased enthusiasm created in trade circles generally, the increase of good feeling between the individuals of the trade, the increased desire to make the association a still greater success, the increased number of good resolutions that will be made and the decrease in the number of "one horse" establishments in the land.

There has been one meeting of the executive committee since the last convention, which was held in Toronto, March 8th, 1900. The foundations were laid there for the comprehensive program which you have before you, and the future success of the trade paper was earnestly discussed.

Owing to the assistance and determination of a few of the most prominent florists who met at Ottawa last year, the trade paper is now an accomplished fact, and during the six months of its existence it has amply demonstrated its usefulness and has made itself indispensable and well worthy the patronage of every gardener and florist in Canada. The more patronage it gets the better the editor will be able to make it. All will agree that he has done wonders so far.

If I may be allowed to say a word on the subject—and I trust I shall not be exceeding my duties—I would remind the members that this is a strictly business association and that the business it was organized to do is to "lift up and carry forward all that tends to advance the interests of horticulture." Therefore, let us be business-like, punctual and attentive to the specified business hours of the convention and maintain the proper balance between sober work and recreation. I do not wish to minimize the social advantages of meetings like this, or to belittle the overflowing hospitality which is tendered to us by our brethren in the different cities where we meet—these things all help in the advancement of horticulture in a different way—but "business is business" and "business first and pleasure afterwards" are two very good mottoes to work on.

The association has within the last two months sustained its only loss by death, that of Mr. H. Dale, of Brampton, our first vice-president. His absence makes a big vacancy in our ranks, and his quiet, modest, sensible talks will be much missed.

A. H. EWING, Sec'y.

Roses Up to Date.

BY JOHN H. DUNLOP.

The subject assigned me is one that appeals to the heart of every true lover of flowers, whether he be engaged professionally or as an amateur or as a purchaser. How often it has been remarked that people never get tired of roses.

Why, if we look back and take a retrospective view we will find that the rose was mentioned in the earliest writings, when at all feasts and on all great gatherings the rose is spoken of as the flower that graced those functions. Some writers claim that the rose has been the favorite flower for some three thousand years. The flower that the people never tire of, always having new charms, appealing to one's love of the beautiful. What flower has stood the test of time as the rose. It has traveled through ages without changing its destiny or losing its character. The homage rendered and the love borne it have always been the same, and it has been given the first place in the floral kingdom, no other flower combining so many charms. The rose holds the same supreme, exalted position it did in those early days.



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ADJUSTABLE VASE HOLDERS.

No. 1—Brass, nickled, 4 feet long, six clasps to each rod.
Price complete (with green or white tumblers).....$2.25
Price complete (with green or white cornucopia vases) 2.50

No. 2—Heavy four-foot rod brassed and nickeled, with three clasps for 5 to 6-inch pots .....each $1.75

KIFT'S PATENT

Rubber Capped Flower Tubes

4 inches long, ½ inch diameter, per 100..... $3.50

Both of the above are indispensable to the decorator.
In use and highly recommended by the principal retail stores.
Send for illustrated circular.

Robert Kift,

....FflorIST....

1725 Chestnut St., PHILADELPHIA, PA.

SEE EXHIBIT AT THE CONVENTION.

Mention The Review when you write.

There are other flowers that have their season, but of short duration. They have their points of beauty, and admirers, but what flower combines so many, in fact, all good points of other flowers, color, form, fragrance? None but the rose, and though the people will enthuse over the others in their season they will come back to their first love, the rose. It has been so from the earliest ages and will be to the close of time.

Up to date roses I can only speak of from a florist's standpoint. They are comparatively few and I will enumerate them as they suggest themselves to me. To my mind there is no rose that will compare with the American Beauty, with its magnificent foliage, grand stem, flower and exquisite fragrance. We all know it. Can any person pass a vase of this rose without stopping to enjoy its beauties and odor? It was one of the sights, never to be forgotten, at the first exhibition of the American Rose Society, held in New York last March, when some two thousand magnificent blooms were staged, tall, stately, perfect flowers.

The Bride. The rose par excellence of its color, as its name suggests—purity, whiteness. The white rose of commerce to-day without a peer

Bridesmaid. The pink rose that has superseded all others in popularity. We have had others but they have quickly given the place of honor to the Maid of that deep, rich shade of pink, so much sought after.

Meteor. Up to the present has held the place of honor of its color, its rich, velvety crimson always appealing to the customer, but lacking that very essential quality in a rose, fragrance. If we could only produce a rose with the good points of Meteor, with odor, we would be loath to give it up, but there is another crimson of which I will speak of later that will probably supersede it.

Perle des Jardins, the pure golden yellow rose of the day. This we find declining in popularity through some of the caprices of fashion. It is a grand rose of its color, and I think will be more largely grown than previously.

Sunset. A good rose but of a dull shade, not having the brightness of Dorothea. A saffron yellow shaded with rosy pink.

Madame Hoste is a good light colored yellow, having many good qualities. Its fine, long pointed buds are always attractive.

Golden Gate. A fine rose of a peculiar combination of soft pink and creamy white. Long pointed buds and exquisitely sweet. Strong grower.

Mrs. Pierpont Morgan. Of the Cusin type, but of a more pleasing color. Very popular with the flower buyer and has the quality of showing to good advantage in artificial light.

Clara Watson. In color a combination of pink and white. Good, strong grower. Very sweet.

I will now speak of the rose that we have heard so much about and many of us paid a good price for a few plants, that we may test its good points and prove some of the assertions that have been made in its favor. I speak of Liberty, that grand crimson rose that has been ushered into the floral world this season. Who will not remember the magnificent vase of Liberty roses that were exhibited in Toronto last March at the first carnation exhibition of the Gardners and Florists Club? Its glowing Jacqueminot crimson and sweet perfume were the attraction of that show.

I cannot speak of it from a grower's standpoint, but will give some of the figures given by Mr. Asmus in comparison with other varieties in point of productiveness. The test was made with a house of Liberty against Bride, also one of Liberty against Bridesmaid during the past season. Each house was given equal treatment in all respects. In each of the houses of Liberty there were eight hundred plants, but in each house of Brides and Maids seven hundred and eighty (780) plants, or twenty less than Liberty.

Maids House, No. 11.		Liberty House, No. 15.	
Nov	1288	Nov	3145
Dec	2058	Dec	3179
Jan	1329	Jan	1900
Feb	1425	Feb	1895
	6100		10119

Brides House, No. 12.		Liberty House, No. 16.	
Nov	2307	Nov	5507
Dec	2052	Dec	1707
Jan	1731	Jan	2042
Feb	1445	Feb	2260
	7535		11516

These figures will tell the tale better than any guess work could possibly convince the skeptical of the flowering qualities of this rose, as we have here the four severest months on the blooming qualities of any rose or plant, that is treated contrary to the laws of nature. As to the color, I am given to understand that during the winter months it is much brighter than late in the season, and not guilty of producing that beautiful purple tint so often seen in crimson roses.

TO BUYERS: We are prepared to fill your orders properly, as we have the largest and best equipped establishment devoted **solely to the sale of Cut Flowers** in Chicago, and are receiving some of the finest stock ever seen on this market.

Headquarters for fine **Beauties**

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TO GROWERS: Our facilities for handling your output of stock are equalled by no other house in Chicago. Our business is **strictly Cut Flowers** and **Cut Flowers** receive our entire attention. You will do well to consign to us if you have anything in choice stock which you want to sell. We pay promptly on Monday of each week as has been our custom ever since we started in business. A visit to our place will convince you that we can handle your stock to better advantage than any other house in Chicago.

I saw this rose growing at Mr. Asmus' place last March and could only find words of commendation for the appearance of it at that time. It was certainly producing good crops, although it had been very severely cut for propagating the enormous stock that was disseminated this spring. I have also had a letter from an esteemed rosarian. I refer to Mr. Robt. Simpson, of Clifton, N. J., whose opinion I prize very highly, being as he says himself, prejudiced at the beginning, but by watching it he was gradually won over by its many good points. To use his own words: "I have been to Mr. Asmus' place a good many times to see it (Liberty) during the past two seasons, and would say that beginning with a prejudice against it I have been won over completely by its many good qualities. I am naturally very conservative and critical and when I speak in favor of a new rose you may be sure I have good reasons for doing so."

Now, it remains with us to try and bring out the many good traits we have heard of in this grand new rose. We have not heard of any of its faults. We may know more of them by another season as it is scarcely possible that all will have the success of those that have pioneered its entry into the floricultural world.

There is another new rose, but I have not been able to learn much of its history or good points. No new rose has ever been guilty of coming before the public with a single blemish or fault. All are perfect until we find them out. This one is Sunrise. It was sent out from England as a sport, I think, from Sunset. In color it is a deep apricot yellow, almost a red, very bright in summer, and said to be a free bloomer. I have a few plants of this variety, but for some reason it will grow a short time and then die off. The plants are grafted, and I am not aware of the stock they are worked on, which may influence the growth of the plant, or more properly speaking, the lack of growth. I hope to be able to report more favorably of this variety later.

Lady Dorothea. This rose is of Canadian origin. I think the first that has been originated in the Dominion and not the least to be proud of. It is a sport from Sunset, of good habit, a free grower, profuse bloomer, losing some of the bad qualities of its parent, in that it is free from imperfect flowers in midwinter. Color brighter and more beautiful in the four months of dark weather when most sought after and appreciated. The color is a soft shade of peach pink, deepening to a red at base of petals outside, and a bright flesh pink inside, a beautiful harmony of color. This rose is becoming very popular and I feel confident it will take a leading place in the list of standard varieties from the excellent reports I have had from sections of the continent far removed from each other.

These are the only varieties I can speak of at present, as the new varieties are very limited, but judging from the number that are hybridizing, there should be no lack of meritorious new varieties in the near future, and I would here suggest that some of our own Canadian growers, if they can afford the time and patience to await results, to experiment in this line.

There may be some who have already commenced that I have not heard of. It does not follow from this that some are not already making the attempt, but I would commend all who have the ability and inclination to try hybridizing the rose.

The room occupied will not be great, only a few feet would be necessary, and if carefully and thoughtfully worked out, who knows what the results might be, and to the successful one, the old adage holds good in this as in other attempts, "Nothing succeeds like success." I feel confident that he who can produce a first class rose in this country, will add a lasting monument to his ability, and keep us with roses up to date.

JOHN WELSH YOUNG,

WHOLESALE GROWER OF

Pandanus Veitchii and Boston Ferns,

Upsal Station, Penna. R. R. **GERMANTOWN, PA.**

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Michel Plant and Bulb Co.

Magnolia and Tower Grove Aves., ST. LOUIS, MO.

We submit herewith a short list of some seasonable and some surplus stock. You will find prices all right and we assure you of the quality.

What we want is your order at once, and therefore offer a discount of ten per cent. for spot cash orders received before September 10th. **This means order at once.**

Aspidistra. The hardiest decorative plants. Fine, perfect stock, with from three to twenty large and well formed leaves. Not the neglected rubbish usually offered; but extra good value. In 4 to 9 inch pots. $5.00 per 100 perfect leaves. This is a bargain, quality considered.

Sword Ferns. We have the finest and largest stock in the west. All well grown. Note the following varieties:

Nephrolepis Exaltata. The common sword fern, or "Jacob's Ladder." 4-inch pots, $2.00 per dozen; $15.00 per 100. 5-inch pots, $3.00 per dozen; $20.00 per 100.

Nephrolepis Cordata Compacta. Beautiful, shapely plants. 4-inch pots, $2.00 per dozen; $15.00 per 100. 5-inch pots, $2.50 per dozen; $20.00 per 100.

Nephrolepis Pectinata and Phillipensis. Both excellent for pans or as dwarf pot specimens. 3-inch pots, $1.25 per dozen; $10.00 per 100. 4-inch pots, $2.00 per dozen; $15.00 per 100.

Nephrolepsis Bostoniensis (Boston Fern). Justly entitled to the popularity it has attained. We have different sizes; but our largest stock and finest plants are the 5-inch-pot size, at 50 cents each; $5.00 per dozen; $40.00 per hundred. 6-inch pots, at $6.00 to $9.00 per dozen. Larger specimens, $1.00 each and up. They are beauties.

Dracæna Sanderiana. This beautiful little plant has not been as freely used as its merits deserve, probably on account of its price, which has heretofore appeared prohibitive. We have a thousand plants now, all top cuttings, nicely established in 2½-inch pots, which we offer you at the low price of $1.00 per dozen; $8.00 per 100. You can't refuse them at this price.

Begonias. Metallica, Glaucophylla Scandens and a dozen more good kinds, 4 and 5 inch pots, $2.00 per dozen; $15.00 per 100.

Asparagus Sprengeri. Justly entitled to its present popularity. Indispensible for your assortment of house plants. 3-inch pots, $1.00 per dozen; $8.00 per 100. 4-inch pots, $1.50 to $2.00 per dozen. Large specimens, 50 cents, 75 cents, $1.00 and $1.50 each.

Asparagus Plumosus. Nice, bushy plants, $2.00 per dozen; $15.00 per 100.

Bougainvillea Glabra Sanderiana.... A valuable winter-flowering plant. A fine stock, cut back and bushy, in 4-inch pots, $2.00 per dozen; $15.00 per 100.

Dracæna Indivisa. We hold a surplus of these in 5-inch pots, $2.00 per dozen.

Vinca Major Variegata. Nice 3-inch pot plants, $5.00 per 100.

Plumbago Capensis. 3-inch pots, $1.00 per dozen. 4-inch pots, $2.00 per dozen.

Cape Jasmine. Fine young stock, in 3-inch pots, well grown, $1.00 per dozen; $8.00 per 100.

Smilax. 2½-inch pots, $2.50 per 100; $20.00 per 1000.

Jasmine Officinalis Flore Pleno..... 4-inch pots, bushy, $2.50 per dozen.

Roses. Meteor, Malmaison, Hoste, Brabant, Sunset, Etoile de Lyon, Louis Phillip and others, 3-inch pots, $1.00 per dozen; $7.00 per 100.

Boston Ferns.

N. Exaltata Bostoniensis.

Small plants, $5 00 per 100 or $40.00 per 1000; large plants, $6.00 to $50 00 per 100; taken from the bench.

ALSO A FINE LOT OF

KENTIAS, Belmoreana and Forsteriana, 6-in. pots, from $1.00 to $1 50 each; 7-in. pots, $1.50 to $2 50 each; larger plants, $1 50 to $3.00 each. Forsteriana, 3½ to 4-in. pots; $3.00 and $4.00 per doz.

ASPARAGUS PLUMOSUS, 2½-in. pots, $5.00 to $6.00 per 100; 3½-in. pots $12.00 per 100.

ASPARAGUS SPRENGERI, 2½-in. pots, $5.00 to $6.00 per 100; 3½-in. pots, $12.00 per 100.

ARAUCARIA EXCELSA, $1.00 to $2.00 each.

RUBBER PLANTS, $4 00 to $6.00 per doz.

CHINESE PRIMROSES, 2½-in. pots, $3.50 per 100.

WM. A. BOCK,

NORTH CAMBRIDGE, MASS.

Unknown correspondents will send cash with orders.

Connected with Telephone.

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CINCINNATI, O.—Abbott & Stevens will open their new store, southwest corner Canal and Vine streets, Aug. 24.

GREEN BAY, WIS.—Meyers & Detgen are building another greenhouse and intend to add two more. Mr. Meyers will have charge of the greenhouses and Mr. Detzen will conduct the salesroom on Pine street.

..TREES..

Fruit Trees, Small Fruits, including grapes. **Ornamental Trees, Evergreens and Shrubs** for public and private grounds. **Shade Trees** for streets. **Hardy Roses, Hardy Plants, Climbers,** etc.

Our new catalogue, carefully revised, beautifully illustrated with half-tone engravings, with cover of exquisite design, contains accurate and trustworthy descriptions of the most valuable varieties in cultivation, and is replete with practical hints indispensable to planters. Although prepared at great expense, it will be sent **free** to our regular customers; to others, on receipt of 10 cents.

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WHOLESALE PRICE LIST.

PALMS.

VARIETY.	SIZE POT.	HEIGHT, Inches.	CHAR'ER LEAVES.	PRICE Each.	PRICE Doz.
Areca Lutescens, 3 plants in pot	3½-inch	6 to 8	6 to 9	.....	$ 2.00
Latania Borbonica	2 "	6 to 8	.....	.....	.60
" "	3 "	8 to 10	.....	.....	1.25
" "	3½ "	12 to 15	.....	.....	1.50
" "	4 "	16 to 18	.....	$ .25	3.00
" "	5 "	16 to 22	3 to 4	.50	5.00
" "	6 "	24 to 30	5 to 7	.75	9.00
" "	9 "	30 to 36	8 to 9	2.50	30.00
Kentia Belmoreana	3 "	6 to 8	4 to 5	.20	2.00
" "	3 "	8 to 10	4 to 5	.25	3.00
" "	4 "	10 to 12	4 to 5	.30	3.60
" "	5 "	12 to 15	3 to 4	.60	7.20
" "	5 "	18 to 20	3 to 5	1.00	12.00
" "	6 "	24 to 26	4 to 6	1.50	18.00
" "	7 "	36 to 40	4 to 5	2.25	27.00
" "	8 "	40 to 44	4 to 6	3.00	36.00
" Forsteriana	3 "	8 to 10	.....	.....	2.00
" "	3½ "	10 to 12	.....	.....	3.00

VARIETY.	SIZE POT.	HEIGHT, Inches.	CHAR'ER LEAVES.	PRICE Each.	PRICE Doz.
Kentia Forsteriana	4 -inch	10 to 12	3 to 4	$ .30	$ 3.60
" "	5 "	12 to 15	3 to 4	.60	7.20
" "	5 "	18 to 20	3 to 4	1.00	12.00
" "	6 "	24 to 28	3 to 4	1.50	18.00
" "	7 "	48 to 50	4 to 5	2.25	27.00
" "	8 "	50 to 58	4 to 5	3.25	39.00
" " 4 plants in pot.	9 "	60 to 75	6 to 8	8.00	.....
Phoenix Reclinata	10 "	40 to 45	6 to 8	3.50	.....
Aspidistra Lurida	5 "	15 to 20	8 to 12	.50	6.00
Sanseviera Jav. Var	2 "	.....	.....	.....	.60
" " "	3 "	.....	.....	.....	1.25
" " "	4 "	.....	.....	.....	2.00
Asparagus Plum. Na., nice plants	2 "	.....	.....	.....	.50
" Sprengeri	2 "	.....	.....	.....	.50
" " strong	5 "	.....	.....	.....	3.00
Araucaria Excelsa	3 "	.....	.....	.75	9.00
" "	4 "	.....	.....	1.00	12.00
" "	5 "	.....	.....	1.25	15.00

'Phone L. V. 136.....

FERNS.

Pteris Serrulata	from 2-inch pots, per dozen,	$0.50
" Cristata	" " "	.50
" Cret. Albo Lin	" " "	.50
Cyrtomium Falcatum	" " "	.50

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.....CHICAGO, ILL.

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To the Grower:

We want to call attention to our large increase in trade, and are contracting more help and building more counter surface to handle our increase. Still with all, we want "new growers," but we want them to begin with the dull season or at the opening of the season, September 1st to October 1st.

A few facts: Shippers who expect best returns ought to SHIP US, for we have a business of long standing and trade built up. We pay all growers each week with statements, no matter how much we have to trust out. Having capital we can afford to carry accounts in the interest of the producer.

All we ask is a season's trial, and we can PROVE we can do by you as good and a little better than you have been doing, and, as above stated, the "CASH" each week. Come in and see us; have a talk, and we will convince you that if you are to change Brokers, we are open to handle all No. 1 Stock we can get this season.

Yours respectfully,

FLINT KENNICOTT, President.
G. H. PIESER, Secretary.
ED. E. PIESER, Treasurer and Gen'l Manager.
L. P. KELLEY, Salesman.
STEVE MINON, Salesman.
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Evergreen, Ala.

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2¼ and 2½ inch pots, $2.00 per 100; 35c. per doz. Forbesii, Magenta Red, new, per 100, $5.00; per doz., 75c. Cash please.

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Box 82, Carlisle, Pa.

"Are you doing much gardening, Miss Struckore?" "No, not much; you see, I have not got the proper stockings for such work." "Got what?" "The proper stockings—the rubber garden hose I see advertised in the papers."—Baltimore Sun.

Special Machinery lowers cost.

That's where we save. Not on material.

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AWARDED CERTIFICATE OF MERIT PENNA.
HORTICULTURAL EXHIBITION AT PHILADELPHIA,
MARCH 21, 1900, FOR CHOICE ARECA LUTESCENS, ETC.

Choice Areca Lutescens, Kentia Belmoreana, Latania Borbonica and Phœnix Rupicola.

YOU ARE CORDIALLY INVITED to visit my establishment. My collection of Palms is as healthy and vigorous as good and careful culture can make them, the Arecas and Kentias being especially fine. There are also many other features that I think will interest members of the craft and make your visit pleasant and profitable.

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HARDY HERBACEOUS PLANTS ONLY

In Any Quantity for the Least Money.
Send for Price List.

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Palms and Ferns

WHENEVER IN NEED OF THIS CLASS OF STOCK DO NOT PLACE YOUR ORDER UNTIL YOU HAVE WRITTEN TO US. WE ARE OFFERING EXCELLENT VALUES.

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NO MATTER WHAT KIND OF STOCK YOU MAY GROW,
Roses, Carnations, Lilies, Chrysanthemums, Ferns, Palms, or what not,

"ROSE LEAF"

EXTRACT OF TOBACCO INSECTICIDE

WILL SAVE YOU MONEY.

As compared with other remedies, a practical test will certainly convince you that "ROSE LEAF" is the **BEST** and

BY FAR THE CHEAPEST general insecticide on the market. For sale by all seedsmen. For free booklet write to

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THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

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CLYDE

The New Mammoth Single Scarlet Geranium, Bruant Type, **Sells at Sight**

$3.00 Per Doz.

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Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

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WEILAND - AND - RISCH
59 WABASH AVENUE, CHICAGO.
TELEGRAPH US YOUR ORDERS FOR CUT FLOWERS AND SAME WILL GO FORWARD ON TIME.
WHOLESALE FLORISTS
Mention The Review when you write.

FELLOW FLORISTS

IT WILL PAY YOU TO VISIT

The Cottage Gardens, Queens, N. Y.

THINGS YOU CAN SEE.....

8000 Plants Carnation Gov. Roosevelt.

5000 Plants Begonia Gloire de Lorraine.

Sub-Irrigation Successfully Applied.

==Geraniums==
The Finest Collection in America.

Cannas, a Choice Collection.

Five Acres of Carnation Plants.

BALTIMORE.

Trade and Personal Notes.

The summer trade has kept up unusually well this year, notwithstanding the prolonged "spells" of intense heat, rather, it may possibly be said, in consequence of them, for the demand is limited in the main to funeral requirements, the result of deaths attributable in more or less degree to the unusually hot weather. Nor has the supply of material languished; sometimes it is not of the best order, but the quantity has kept up to the demand. Asters have been abundant but small. Today, however, some fine flowers came in from Mr. Lotz and Mr. Frederick Bauer.

The pink and white Maman Cochet roses from out of doors are fine now, and the latter has lost its excessive development of pink petals complained of early in the season, and is in great favor on account of standing up so well, surpassing in this excellence the white roses grown under glass.

The delegation of Baltimore gardeners to the New York convention left today (August 20), and though hardly as numerous as was expected, doubtless will give a good account of itself. It is a matter of felicitation that the community at last shows some interest in the national society and its operations.

There is considerable building going on in the trade. Messrs. S. Feast & Sons are putting up one new house; Mr. Isaac Moss two, 28x200 and 20x200 feet for carnations and smilax. Wm. Kier, Pikesville, one about 18x 100 feet.

The award of the contract for supplying bulbs, etc., for the parks and public squares was divided between Edwin A. Seidewitz and Frederick Burger, the total amount being $1,800.

Mr. Harry Ekas has gone into business at the place formerly owned by his late brother, William Ekas, on the Frederick road, and in his new location will have the best wishes of his many friends for success. Indeed, Mr. Ekas stands so far up in the front rank of the profession for intelligence, skill and energy that, wherever placed, there cannot be much doubt of his doing well.

Mrs. Schuler, on Saratoga street, who has conducted a fine and profitable florist's business, has again entered the matrimonial estate and become Mrs. Thomas. Her son, Mr. Hans Schuler, has distinguished himself as a sculptor in Paris and gives promise of a bright career. RIX.

YOUNGSTOWN, O.—Mr. E. Hippard has sold his greenhouse business to John Walker, Philadelphia, for many years with Robt. Craig, and Mr. Walker will take charge Sept. 1. Mr. Hippard will now devote his full time and attention to his business in ventilating apparatus.

....EXTRAORDINARY TRADE SALE....

CLEARY & CO.,

Horticultural Auctioneers,

WILL SELL ON THE PREMISES OF

THE ROSE HILL NURSERIES, New Rochelle, N. Y.,

AT AUCTION, BY ORDER OF

Messrs. Siebrecht & Son,

PROPRIETORS,

40,000 Palms,

5,000 Stove and Greenhouse Plants,

10,000 Ferns

and several thousand other valuable decorative plants, including a **Superb Collection of Commercial Orchids,** on

Monday and Tuesday, Aug. 27 and 28

AT 11 O'CLOCK SHARP, EACH DAY.

Stages will be at the New Rochelle station to meet the trains leaving Grand Central Depot, 42d street, at 9 and 10 o'clock. Every member of the S. A. F. who is interested in valuable decorative plants should not fail to avail himself of this rare opportunity. Lunch will be served in large building adjoining the greenhouse. For further information and catalogues apply at

CLEARY & CO.,

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FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.

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BOBBINK & ATKINS,

Wholesale Florists and Nurserymen

RUTHERFORD, N. J.

BOSTON FERNS. Ready for 3-inch pots, $6.00 per hundred; ready for 4-inch pots, $15.00 per hundred; for 5 and 6-inch pots, $20.00 and $25.00 per hundred. Extra fine plants in 5 and 6-inch pots now ready for a shift into pans or pots, $35.00 per hundred; $4.50 per dozen. This is exceptionally good value.

ASPARAGUS PLUMOSUS NANUS. 3-inch pots, extra fine, $8.00 per hundred.

ASPARAGUS SPRENGERI. 3-inch pots, $6.00 per hundred.

Kentia Belmoreana and Forsteriana. 2½-inch pots, $10.00 per hundred: 4-inch pots, $40.00 per hundred; 6 to 7-inch pots, $1.50, $1.75, $2.00, $3.00 up to $5.00 each.

Large Decorative Plants of Kentias. We have stock of Belmoreana and Forsteriana in large specimens, both in single and made up plants, at $10.00, $12.50, $15.00 and $25.00 each.

Place at once your FALL Import Orders for PALMS...

The Syndicate of Belgium Growers

Have an especially fine lot of.....
KENTIAS, LATANIAS,
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Ask for our
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We are Headquarters for ..Bulbs..

Write for our Special Low Price List.

Azaleas WILL ARRIVE SHORTLY.

We have inspected our stock grown by the Syndicate of Belgium Growers this summer, and find it is the finest we have ever had. The varieties are the most popular for American trade and consist of the following:

PROF. WOLTERS, BERNARD ANDRE ALBA, EMPRESS OF INDIA, NIOBE, SCHRYVERIANA, SIMON MARDNER, VERVAENEANA, DR. MOORE, VAN DER CRUYSSEN, EMPRESS DE BREZIL, DEUTSCHE PERLE, Etc.

PRICES - F. O. B. NEW YORK CITY.

	Per doz.	Per 100		Per doz.	Per 100
10-12 inches in diameter,	$4.50	$35.00	16-18 inches in diameter,	$12.00	$90.00
12-14 " "	6.00	45.00	18-20 " "	25.00	200.00
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SPECIAL PRICES ON LARGE QUANTITIES.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Trailing abutilon, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

ARAUCARIAS.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

Araucaria excelsa, $1.00 to $2.00 each. Cash.
W. A. Bock, No. Cambridge, Mass.

ASPARAGUS.

A. sprengeri, 2-in., $5.00 per 100, $40.00 per 1000; 4-in., $1.50 per doz., $12.00 per 100; 6-in., $4.50 per doz., $35.00 per 100. A. plumosus nanus, 2-in., 75c per doz., $6.00 per 100, $50.00 per 1000. H. A. Dreer, 714 Chestnut st., Philadelphia.

A. Sprengeri, 3-in., $1.00 per doz., $8.00 per 100; 4-in., $1.50 to $2.00 per doz.; large specimens, 50c, 75c, $1.00 and $1.50 each. A. plumosus, $2.00 per doz.; $15.00 per 100.
Michel Plant & Bulb Co., St. Louis, Mo.

Asparagus Plumosus Nanus. Transplanted seedling plants, ready for 2½-inch pots at $3.00 per 100; $25.00 per 1000; 500 at thousand rates. Express prepaid. Cash with order.
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Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
J. B. Heiss, Dayton, Ohio.

Asparagus plumosus nanus. Heavy 10 ft. strings 50c per string. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

Sprengeri, 5-in. pots, $15 per 100. Cash or C. O. D. Anderson & Christensen, Short Hills, N. J.

A. plumosus, 4 and 5 in., pots. Write for prices.
S. Taplin, Fort st. West, Detroit, Mich.

Asparagus plumosus, 2¼-in., $5.00; A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. sprengeri and plumosus, 2½ in., $5.00 to $6.00 per 100; 3½ in., $12.00 per 100.
W. A. Bock, No. Cambridge, Mass.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

1,000 Sprengeri plants, 2½-inch pots, very nice, bushy plants, at $4.00 per 100. Cash.
E. J. Bolanz, Akron, O.

A. plumosus nanus, fine young plants, $5.00 per 100. N. Smith & Son, Adrian, Mich.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros. Springfield, Ohio.

Plumosus, fine 3-inch stock, $5 per 100. Cash.
Van Wert Greenhouses, Van Wert, O.

1000 A. Sprengeri, 3-in., $6.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

A. sprengeri, fine 2 in., $4.00 per 100.
Geo. L. Miller, Newark, O.

ASPIDISTRA.

Aspidistra. The hardiest decorative plant. Fine, perfect stock, with from 3 to 20 large and well formed leaves. In 4 to 9-inch pots. $5.00 per 100 perfect leaves. This is a bargain, quality considered.
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Fine, stocky plants from the field. Ostrich Feathers, Queen of the Market, Semple's, Victoria, Vick's and Truffaut's Perfection, 35c per 100; 300 for $1.00; $2.50 per 1,000.
J. C. Schmidt, Bristol, Pa.

AZALEAS.

Azalea Amoena; one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, specimens from 4 to 10 ft. Write for prices.
S. Taplin, Fort st. West, Detroit, Mich.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonias. Metallica, Glaucophylla Scandens and a dozen more good kinds, 4 and 5-inch pots, $2.00 per doz.; $15.00 per 100.
Michel Plant & Bulb Co., St. Louis, Mo.

Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
The Cottage Gardens, Queens, N. Y.

Begonias. 2000 mixed, 1000 Red Vernon, 1000 Erfordi, 2¼-in., $1.50 per 100. 500 nice Rex, mixed, 4-in., $10.00 per 100. Morris Floral Co., Morris, Ill.

Begonia Rex, 2 1-4 in., $4.00, 3-in., $6.00. 3½-in., $8.00 per 100. Rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

Assortment Flowering Begonias, from 3-in. pots, at $4.00 per 100.
John Reck, Bridgeport, Conn.

Rex Begonias, 3 in., 10 varieties, $7.00 per 100. Geo. L. Miller, Newark, O.

Tuberous rooted begonias, 4-in., 75c per doz. Godfrey Aschmann, 1012 Ontario st., Phila.

BOUGAINVILLEA.

Bougainvillea Glabra Sanderiana. A fine stock, cut back and bushy, in 4-inch pots, $2 00 per doz.; $15.00 per 100.
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Send in your order now for a copy of the Florists' Manual.

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California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100, $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs.
F. Ludemann, Pacific Nursery, San Francisco, Cal.

Lilium Washingtonianum, native of Oregon, size 8 to 10, price to florists $10.00 per 100, F. O. B. Portland. Our man leaves about the first of next month for the mountains to dig these bulbs. Orders received not later than Sept. 5. Bulbs shipped Oct. 1.
Buell Lamberson, Seedsman, Portland, Ore.

Freesia Bulbs, per 1000, 1-4 to 3-8 in. diam., 50c; 3-8 to ½ in. diam., $1.25; ½ to 3-4 in. diam., $3.50. The smaller bulbs will prove as satisfactory as the larger if planted early. Bulbs ready for immediate delivery. Johnson & Musser Seed Co., Los Angeles, Cal.

Harrisii and Callas ready now. Write for prices. Bermuda, Freesias and Oxalis, Romans, Paper White and Holland bulbs soon to arrive. Let us give prices on your requirements. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Callas. California grown, prime stock. Per 100: No. 1, 1⅝ to 2½ diam., $10.00; No. 2, 1⅜-2 diam., $7.00; No. 3, 1 to 1½ diam., $5.00; No. 4, ¾ to 1¼ diam., $3.50. Acme Nursery, Galveston, Tex.

SPECIAL CONSIGNMENT SALE.
L. Harrisii, 5-7, fine healthy-looking bulbs, per 1000, $35.00. Not less than original packages of 400 bulbs at this price. Net, spot cash.
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Freesia Bulbs. We offer our surplus of freesia bulbs, size: ¼ to ½-in. diameter, $1.00 per 1000; ½ to 1-in., $2.50 per 1000. Expressage prepaid. Cottage Nursery, San Diego, Cal.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Calla Bulbs, per 100, 8 in. cir., $8.00; 6 in. cir., $6.00; 4 in. cir., $4.00. Sets, 25c; 100 by mail 10c extra. Cash with order.
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Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

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California grown bulbs. Send for our special trade list. Address California Nursery Co., Niles, California.

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Beerhorst & Van Leeuwen, Sassenheim, Holland, growers of all kinds of Dutch Bulbs.

Segers Bros., Lisse, near Haarlem, Holland. Growers of strong and healthy Bulbs.

Calla bulbs, 1½-in., $7.00 per 100. Morris Floral Co., Morris, Ill.

Barnaart & Son, Vogelenzang, Holland.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

CARNATIONS.

Genevieve Lord is the finest of all commercial pink carnations. It is so different from all others that it must be classed by itself. Strong field-grown plants as follows: 1st size, $2.50 per doz., $12.00 per 100, $100.00 per 1000; 2nd size, $2.00 per doz., $10.00 per 100, $75.00 per 1000. 6 plants at dozen rate, 50 at 100 rate, 500 at 1000 rate. Orders booked for rooted cuttings, Jan. 1 delivery at $5.00 per 100; $40.00 per 1000. H. Weber & Sons, Oakland, Md.

Extra fine field-grown stock. White Cloud, $6.00; Flora Hill, $5.00; Daybreak and Wm. Scott, $4.00 per 100. Also a limited supply of Marquise, G. H. Crane, Gen. Gomez, Mrs. Bradt, Gold Nugget, Victor and Triumph. These are excellent plants. Prices on application. W. A. Wettlin, Hornellsville, N. Y.

Plant them early. Extra strong, healthy plants ready now, of the following standard sorts: Mrs. Bradt, Mary Wood, White Cloud, Triumph, Daybreak, Scott, Mayor Pingree, Jubilee, Flora Hill, Empress, $5.00 per 100; $40.00 per 1000. Lamprecht Bros., Ashland, O.

Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment. Ed. Kirchner, Winona, Minn.

Freedom, best white; Ferd. Mangold, crimson, $5.00 per 100 cash. Good, clean stock.
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30,000 field-grown pinks, 23 varieties. Scott and Jahn's Scarlet, $4.00 per 100. Price of other varieties on application.
C. L. Howe, Dover, N. H.

Carnation Growers. Send for trade list. Standard Varieties, leading novelties. Grallert & Co., Colma, San Mateo Co., Cal.

Field-grown carnations with plenty of roots. Send for prices. Geo. Hancock & Son, Grand Haven, Mich.

From field. Flora Hill, White Cloud, Victor, Scott, America, etc.
E. M. & H. N. Hoffman, Elmira, N. Y.

Field-grown plants ready Aug. 1, for planting in. Strong stock.
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1200 Scott carnations, nice plants, 5c each. Cash. Chas. P. Gulick, Kingston, N. J.

Field-grown carnation plants. Send for price list. F. Dorner & Sons Co., La Fayette, Ind.

Field-grown carnation plants for immediate shipment. E. A. Llewellyn, Olean, N. Y.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

Carnations. Wm. Swayne, Kennett Square, Pa.

CHRYSANTHEMUMS.

Chrysanthemums, good stock, from 4-in. and 5-in. pots, $10.00 per 100.
John Reck, Bridgeport, Conn.

CINERARIAS.

Cinerarias. Superb strain, in flats ready for shifting, $1.50 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cinerarias ready Aug. 20th, $2.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

Cineraria grandiflora, 2¼-in., $2.00 per 100.
J. W. Miller, Hatton, Pa.

CLEMATIS.

Clematis paniculata, strong 3 in., $5.00 per 100; 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

COLEUS.

Coleus. Newest varieties, fancy colors, large plants in flats, $1.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

Coleus. Golden Bedder, Verschaffeltii, fancy varieties, young plants from soil, 60c per 100.
E. A. Wallis, Jenkintown, Pa.

Fancy varieties, young plants from soil, 50c per 100. Cash. A. Brumley, Birmingham, Ia.

CYCAS.

Cycas revoluta stems, assorted sizes, 3 to 12 lbs., $8.00 per 100 lbs. while unsold. J. M. Thorburn & Co., 36 Cortlandt St., New York.

For sizes and prices see display adv. in this issue. H. A. Dreer, 714 Chestnut St., Philadelphia.

CYCLAMEN.

Cyclamen giant splendens, 2-½-in. pots, fine, strong, good plants, $4.00 per 100. C. Winterich, Defiance, Ohio.

Cyclamen. Fine, large plants, 3-in., ready for 4's, $4.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

Cyclamen, dry bulbs, finest strain mixed, $6.00 per 100. N. Smith & Son, Adrian, Mich.

CYPERUS.

Cyperus alternifolius, 2½-in. pots, ready to shift to 4-in., $2.50 per 100, $20.00 per 1000.
C. L. Brunson & Co., Paducah, Ky.

Cyperus alternifolius, 3-in., fine; well grown, $5.00 per 100. Cash. Critchell's, Cincinnati, O.

Cyperus (Umbrella plant), 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

Cyperus alternifolius, 2¼-in., $3.00 per 100.
N. Smith & Son, Adrian, Mich.

DAHLIAS.

60,000 Dahlias for fall delivery. All the best and newer varieties. Stock first-class. Prices right. A. B. Davis & Son, Purcellville, Va.

DAISIES.

Anthemis (dbl. yellow Marguerite), $1.50 per 100. Snow Crest, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

DRACAENAS.

Dracaena Sanderiana. We have a thousand plants now, all top cuttings, nicely established in 2½-inch pots, which we offer you at the low price of $1.00 per doz.; $8.00 per 100. Dracaena indivisa, 5-in., $2.00 per doz.
Michel Plant & Bulb Co., St. Louis, Mo.

Dracaena Sanderiana, 3 in. pots, $2.50 per doz. C. Eisele, 11th and Jefferson sts, Philadelphia, Pa.

Dracaena Sanderiana, 3-in., ready for a shift. J. R. Freeman, 612 13th st. N. W., Washington, D. C.

Dracaena indivisa, 3-in., $6.00; 4½-in., $25.00; 5-in., $35.00; 6-in., $50.00.
Greene & Underhill, Watertown, N. Y.

Dracaena terminalis, 4-in., $15.00 per 100. J. B. Heiss, Dayton, Ohio.

Dracaena Sanderiana, 2-in., $1.50 per doz.
Geo. L. Miller, Newark, Ohio.

If you read these advs. others would read yours.

FERNS.

N. Exaltata. The common sword fern, 4-inch pots, $2.00 per dozen; $15.00 per 100. 5-inch pots, $3.00 per dozen; $20.00 per 100. N. Cordata Compacta. Beautiful, shapely plants. 4-inch pots, $2.00 per doz.; $15.00 per 100. 5-inch pots, $2.50 per doz.; $20.00 per 100. N. Pectinata and Phillipensis. Both excellent for pans or as dwarf pot specimens. 3-inch pots, $1.25 per doz.; $10.00 per 100. 4-inch pots, $2.00 per doz.; $15.00 per 100. N. Bostoniensis. We have different sizes; but our largest stock and finest plants are the 5-inch-pot size, at 50 cents each; $5.00 per doz.; $40.00 per 100. 6-inch pots, at $6.00 to $9.00 per doz. Larger specimens, $1.00 each and up. They are beauties. Michel Plant & Bulb Co., St. Louis, Mo.

The new fern, Nephrolepis Exaltata Gigantea. Has broad leaflets and the longest fronds of all the Nephrolepis. For beauty and grand specimens by far surpasses the famed Boston Fern; fronds of an average plant 9 to 12 feet high and up. Price of nice young plants, 25 cents each; 3 for 50 cents, by mail; $5.00 per 100, by express. Send for price list of plants, bulbs, seed and decorative stock. Soar Bros., Little River, Fla.

Fern Spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00, postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Nephrolepis davallioides furcans, 7 to 8-in., $3.00 per doz.; $20.00 per 100; 4-in., $1.00 per doz.; $10.00 per 100; N. cordata compacta, 3-in., 70 cents per doz.; $5.00 per 100; Adiantum cuneatum, 3-in., 65 cents per doz.; $5.00 per 100. H. W. Buckbee, Rockford, Ill.

Nephrolepis Exaltata Bostoniensis, the handsomest decorative plant in cultivation, $5.00 a 100; $40.00 a 1000. Mine is the genuine stock.
Fred C. Becker, 1730 Cambridge at., Cambridge, Mass.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate.
Wm. A. Bock, No. Cambridge, Mass.

Ostrich plume ferns. Fall planting from Sept. 1 to Nov. 15. Every one warranted to grow 4 to 6 ft. high. Photograph furnished on application. $6.00 per 100. Cash with order.
A. W. Whitford, Leonardsville, N. Y.

Boston Ferns. Fine Plants from bench, ready for 6 in. pots, $3.00 per doz.; from 2-in. pots, $4.00 per 100. Carefully packed. Davis Brothers, Morrison, Ill.

1,500 N. cordata compacta, strong plants, 2-in., $3.00 per 100; strong plants from bench, $2.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Ferns for fern dishes. Tremula, Maidenhair, Pteris cretica lineata, $3.00 per 100; Pteris argyraea (silver fern), 4c.
McGregor Bros., Springfield, Ohio.

Adiantum Farleyense. Nice young plants, ready for a shift, 2½-inch pots, $10.00 per 100.
J. A. Peterson, Florist, 405 Race Street, Cincinnati, O.

Washingtoniensis and Boston ferns, all sizes, prices on application. F. H. Kramer, 423 Center Market, Washington, D. C.

Boston ferns, $5.00 per 100; $40.00 per 1000. Larger plants, $10.00, $20.00 and $50.00 per 100.
John Scott, Keap st., Brooklyn, N. Y.

Ferns for jardinieres, in flats, $2.00 per flat. Boston ferns, 6c, 15c, 25c, 35c.
Bobbink & Atkins, Rutherford, N. J.

Boston Ferns ready for 4-in. pots, $5.00 per 100; 5-in., $10.00 per 100.
Mrs. F. W. Poore, Haverhill, Mass.

175 3-in. Adiantum cuneatums, 6c each; 125 4-in., 10c each. Cash.
Chas. P. Gulick, Kingston, N. J.

Ferns: Bostoniensis, Washingtoniensis, Exaltata, Lomaria Gibs, 10, 15 and 20 cts.
N. Studer, Anacostia, D. C.

Boston ferns, 4-in., $2.00 per doz. Godfrey Aschmann, 1012 Ontario st., Philadelphia, Pa.

Boston ferns, 2½-in., $5.00; 3-in., $8.00 per 100. The Conard & Jones Co., West Grove, Pa.

Adiantum Farleyense, fine stock, 6-in., 50c each. J. B. Heiss, Dayton, Ohio.

Boston ferns ready for 5-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

For Boston ferns write John Welsh Young, Germantown, Pa.

Nephrolepis cordifolia, 2½-in., $3.00 per 100.
N. Smith & Son, Adrian, Mich.

FICUS.

Ficus elastica, 4-in., 10 to 12-in. high, $4.00 per doz., $30.00 per 100; 6-in., 15 to 18-in. high, $6.00 per doz., $50.00 per 100; 6-in., 20 to 24-in. high, $9.00 per doz., $75.00 per 100.
H. A. Dreer, 714 Chestnut st., Philadelphia.

Ficus, or Rubber plants, fine stock 10 to 12 inches high, well leaved from pot up, $3.00 per doz.; sample 25c. McGregor Bros., Springfield, Ohio.

Ficus aurea, 3 to 4-in. pots, 15 to 25 inches high, extra fine plants, 10c each, $1.00 per doz.; $8.00 per 100.
Soar Bros., Little River, Fla.

Ficus, strong, 6-in., 15 to 18 inches high from top of pot, $5.00 per doz.; $35.00 per 100. F. H. Kramer, 423 Center Market, Washington, D. C.

Rubber plants, $4.00 per doz. Cash.
W. A. Bock, No. Cambridge, Mass.

Ficus, top cutting, fine, $18.00.
A.G. Fehr, Belleville, Ill.

FUCHSIAS.

Fuchsias. Strong 4-in., $1.00 per doz.; 2 and 2½-in., $1.50 per 100. Cash.
South Side Floral Co., Springfield, Ill.

Fuchsias, 2¼-in., $3.00, 3-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

GARDENIAS.

Gardenia Florida, strong, healthy plants, 5-in. pots, $15.00 per 100. 2½-in., extra strong, $4.00 per 100. Cash or C. O. D.
Anderson & Christensen, Short Hills, N. J.

GERANIUMS.

10,000 Bruanti (dbl. scarlet), and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders, strong 2½ and 3-in., only $1.50 per 100. Bear in mind this is only the price of rooted cuttings; you can't buy them for double this price in a month. Cash.
South Side Floral Co., Springfield, Ill.

Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Mrs. E. G. Hill, Heteranthe, Contraste and W. H. Bailey, all clean, healthy stock from 2 and 2½-in., $2.50 per 100. Mme. Bruant, 3-in., $3.50 per 100. New mammoth scarlet, Clyde, $3.00 per doz. W. E. Hall, Clyde, Ohio.

Geraniums. Per 100: Ivy, 3½-in., $4.00; S. A. Nutt, Dbl. Grant, La Favorite, Eliza, Gloire de France, etc., 2¼-in., $3.00; Happy Thought, 2¼-in., $4.00; Dbl. New Life, 2¼-in., $6.00. Rooted cuttings. Sweet, in variety, $1.50.
Greene & Underhill, Watertown, N. Y.

Assorted Geraniums, stock plants, at $10.00 per 100. Geranium Mars, 1 year old plants, 5-in. pots, $3.00 per doz.
John Reck, Bridgeport, Conn.

500 mixed geraniums, 2¼-in., $1.50 per 100; 2000 named, 2¼-in., $2.00 per 100. Morris Floral Co., Morris, Ill.

GLADIOLI.

Cut spikes of gladioli, balance of season.
John Fay Kennell, Box 405, Rochester, N. Y.

HARDY PLANTS.

Hardy ferns for cultivation. 40 varieties. Try them in your planting. They will thrive and increase in size and beauty where other plants fail. Catalogue of these and other herbaceous perennials.
Edw. Gillett, Southwick, Mass.

HARDY PLANTS—Continued.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Rhododendrons. Native Rhododendrons; well furnished plants, all sizes. Prices on application. A. E. Wohlert, Altoona, Pa.

HELIOTROPE.

Heliotrope. The best blue, new field-grown plants, full of cuttings, ready for 5-in. pots, $10.00 per 100.
S. Whitton, 15-17 Gray av., Utica, N. Y.

Heliotropes, for winter blooming, fine plants, $5.00 per 100. Godfrey Aschmann, 1012 Ontario st., Philadelphia.

Heliotrope, 2-in., $3.00, 4-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

HYDRANGEAS.

Hydrangea, pink and white, 2¼-in., $5.00 per 100.
Greene & Underhill, Watertown, N. Y.

IVIES.

English Ivy. Strong plants, tops 15 inches and over, from deep 3 inch pots, $5.00 per 100.
Thomas Meehan & Sons, Germantown, Philadelphia, Pa.

Hardy Ivies, 3 feet high, bushy plants, $3.00 per doz. John Reck, Bridgeport, Conn.

MANETTI STOCKS.

For grafting. For December delivery. Write Hiram T. Jones, Elizabeth, N. J.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

ORCHIDS.

Arrived fresh from the woods in fine condition, Laelia crispa, L. flava, L. grandis tenebrosa, L. Perrinii, Oncidium varicosum Rogersii, Cattleya Percivalliana, C Mossiae, Laelia anceps and L. autumnalis.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Cypripedium insigne and Coelogyne cristata in all sizes. Write for prices.
S. Taplin, Fort St., West, Detroit, Mich.

PÆONIES.

We offer 24 fine named varieties of paeonies in 500 or 1,000 lots at $75.00 per 1000.
W. & T. Smith Company, Geneva, N. Y.

PALMS, ETC.

Fine stock; prices to please; low express rates.

	No. lvs.	In. high.	In. pots.	Per 12.	Per 100.
Latania Bor.,	4-6	15-18	6	$ 6.50	$60.00
Kentia Fors.,	4-6	18-24	6	8.50	70.00
" "	3-4	18-20	5	6.00	50.00
" "	3-4	12-18	4	4.00	33.00
" Bel.,	4-6	15-18	6	10.00	90.00
" "	5-6	12-18	5	7.50	60.00
" "	3-4	12-15	4	4.00	35.00
Areca Lut.,	3-5	18-24	6	5.00	45.00
" "	3-4	12-15	4	3.00	28.00
Phoenix Can.,	4-6	12-15	5	5.00	35.00
" "	2-4	10-12	4	2.50	20.00
Pandanus Utilus,		15-18	6	6.00	50.00
" "		10-12	3	1.50	10.00
Livistona Rotundifolia,			4	3.25	25.00
" "			5	5.00	40.00

H. W. Buckbee, Rockford, Ill.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. lvs.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

The palms and decorative plants that I have to offer for the coming season are now in splendid condition, fully up to the high standard my plants have attained for condition and hardiness. Price lists now ready and mailed free on application.
Chas. D. Ball, Holmesburg, Phila., Pa.

Areca Lutescens, ready for pots, $2.00 per 100; $18.00 per 1000. Kentia Belmoreana, 2 inch pots, $6.00 per 100. Pandanus Veitchii, fine, large plants, in 8 inch pots, $2.00 each. Pandanus Utilis, in 8-inch pots, $1.50 each.
John Scott, Keap st., Brooklyn, N. Y.

Kentias Belmoreana and Forsteriana, 6-in., from $1.00 to $1.50 each; 7-in., $1.50 to $2.50 each; larger plants, $1.50 to $3.00 each. Forsteriana, 3½ to 4-in., $3.00 to $4.00 per doz. Cash.
W. A. Bock, No. Cambridge, Mass.

Fresh seeds and in fine condition. Kentia Forsteriana, per 1000, $4.00; 5,000 to 10,000 at $3.50; 10,000 and over at $3.00. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Phoenix canariensis, elegant stock, 4½ to 5-in. $20.00 per 100. Chamaerops excelsa, 5-in., $25.00, 4-in., $20.00 per 100. J. B. Heiss, Dayton, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Kentia Belmoreana, 2-in., $7.00 per 100; 3-in., $20.00 per 100. Latania borbonica, 3-in., $15.00 per 100. Geo. L. Miller, Newark, O.

Phoenix canariensis, 5 and 6-in., $2.50 per doz.; $20.00 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

Washingtonia filifera, 2¼-in., $4.00, 3-in., $6.00 per 100.
Greene & Underhill, Watertown, N. Y.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Areca lutescens, Kentias Belmoreana and Forsteriana. Jos. Heacock, Wyncote, Pa.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Herr's pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100, 250 for $1.50, 500 for $2.50; by express at your expense $4.00 per 1000. A. M. Herr, Lancaster, Pa.

PETUNIAS.

500 petunias, dbl. white, 2½-in., $2.00 per 100.
James Morton, Clarksville, Tenn.

PRIMROSES.

Improved Chinese, known as the finest large flowering fringed varieties grown. Ready for 3-in. pots. Singles, named, $2.00 per 100; $17.00 per 1000; Double, named, $3.50 per 100. Extras added to help pay expressage. Strictly cash.
John F. Rupp, Shiremanstown, Pa.

Chinese primroses. 50,000 finest large flowering fringed, $1.75 per 100, $15.00 per 1000. Obconica grand. fimbriata Roses (ready Sept. 1) and Forbesii, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Primula chinensis from flats, strong plants, six colors, mixed, $1.50 per 100; from 2-in. pots, $2.00 per 100. Cash with order. H. Stahlhut, New Lots and Shepherd Ave., Brooklyn, N. Y.

Chinese primroses, 2¼ and 2½-in., $2.00 per 100; 35c per doz. Forbesi, magenta red, per 100, $5.00. Cash.
J. E. De Walt, Box 82, Carlisle, Pa.

Finest, large-flowering, single, mixed fringed, Chinese primroses ready for 3-in., $2.00 per 100. Cash. W. G. Richardson, Bennington, Vt.

5000 Chinese primroses, white, red, pink and blue, 2¼-in., $2.00 per 100. Morris Floral Co., Morris, Ill.

Double white primulas, 3 and 4-in., ready in Sept. and Oct. Write for prices.
S. Taplin, Fort st. West, Detroit, Mich.

Chinese primroses, large-flowering, 2¼-in., $2.00 per 100. J. W. Miller, Hatton, Pa.

Chinese primroses, 2½-in. pots, $3.50 per 100. Cash. W. A. Bock, No. Cambridge, Mass.

Baby Primrose, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

ROSES.

Reduced prices to close out. American Beauty, Meteor, Bridesmaids, Safrano, Bon Silene, Perle, Kaiserin, Maid of Honor and Bride, 3-in., $5.00; 4-in., $8.00 per 100. Grafted roses—Maid of Honor and Golden Gate, 3½-in., $15.00 per 100; Liberty, 4-in., $8.00 per doz.; 50 plants for $24.00. J. L. Dillon, Bloomsburg, Pa.

Everblooming roses in 4-in. pots, healthy and well grown. Bride, Bridesmaid, Golden Gate, Kaiserin Augusta, La France, Meteor, Mme. Testout, Perle des Jardins, Papa Gontier, Safrana, Pres. Carnot, Muriel Graham, Souv. de Wootton. Write us for prices. Hoopes Bro. & Thomas, West Chester, Pa.

The Queen of Edgely, which has won highest honors wherever shown, originated four years ago as a sport of American Beauty at the nurseries of The Floral Exchange, Edgely, Pa. Plants ready for distribution April, 1901. Write for booklet to The Floral Exchange, 335 No. 6th St., Phila., Pa.

Surplus stock of roses. Strong plants from 3-in. pots. Per 100: 1100 Am. Beauties, $10.00; 500 Brides and 400 Bridesmaids, $4.00; 450 Golden Gates and 550 Meteors, $6.00; 300 Meteors, 2½-in., $5.00. Cash with order.
Wm. Clark, Colorado Springs, Colo.

Field-grown, own root roses. All the best sorts, tender and hardy. Our solicitor will visit you and make prices, regardless of where you live or quantity you want, if you will drop us a card at once. The Howland Nursery Co., Los Angeles, Cal.

Roses. Brides and C. Souperts, 2½-in., $3.00 per 100, $25.00 per 1000, 3-in., $5.00 per 100, $45.00 per 1000; Maids, 2½-in., $3.00 per 100, $25.00 per 1000; Am. Beauties, 3-in., $8.00 per 100, $75.00 per 1000.
J. B. Heiss, Dayton, Ohio.

Surplus rose stock in first-class condition. Cash with order. 1200 2-in., Golden Gates, at $2.00 per 100; $18.00 per 1000. 100 3-in., Golden Gates, $3.00 per 100. 270 2-in., Brides, $1.75 per 100. As long as they last.
Lewis Ullrich, Tiffin, Ohio.

Strong, growing stock. 10000 3-in. Brides and Maids in splendid condition, $4.00 per 100; $35.00 per 1000. Extra fine Perles, 3-in., $5.00 per 100. Strong and will bloom early. W. H. Gullett & Sons, Lincoln, Ill.

CLOSING OUT SALE. Kaiserins, Golden Gates, Brides, Bridesmaids and Perles from 3-in. pots, $2.00 per 100; $18.00 per 1000. Must close out; need benches. Mrs. J. W. Crouch, Chattanooga, Tenn.

20,000 strictly A1 Brides, Perles, Meteors, Maids and Golden Gates, 3½ and 4-in., only 4c, worth 10c. The same in 2½ and 3-in. only 3c, cheap at 6c. Cash.
South Side Floral Co., Springfield, Ill.

Will sell the following cheap to close out: 2500 Maids, 1000 Perles, 500 Am. Beauties, 500 La France in 2½-in.; 1000 Meteors in 3-in. and 500 Kaiserins in 2-in.
Geo. A. Kuhl, Pekin, Ill.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

Special. 4000 fine Brides and Bridesmaids, from 3 and 3½-in. pots, at $4.00 per 100. Cash with order. James Horan & Son, Bridgeport, Conn.

Roses. To close. 1000 2½-in. Bridesmaids, $2.50 per 100, $20.00 per 1000; 1000 2½-in. Golden Gate, $2.50 per 100, $20.00 per 1000.
W. B. Sands, Lake Roland, Baltimore, Md.

Roses. Meteor, Malmaison, Hoste, Brabant, Sunset, Etoile de Lyon, Louis Phillip and others, 3-inch pots, $1.00 per doz.; $7.00 per 100.
Michel Plant & Bulb Co., St. Louis, Mo.

Meteors and Perles, extra fine stock, 3-in., $3.00 per 100; $25.00 per 1000. Also Maids and Brides, 3-in., same price.
Crabb & Hunter, Grand Rapids, Mich.

An immense stock of H. P. Roses. All the new varieties. Crimson Rambler, White Rambler. Write for special prices.
W. & T. Smith Company, Geneva, N. Y.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
R. H. Murphey, Urbana, Ohio.

3000 surplus, extra strong Brides and Maids, 3-in., $2.00 per 100. F. H. Kramer, 423 Center Market, Washington, D. C.

Crimson Rambler. We have a fine lot for winter forcing. Order now. The Conard & Jones Co., West Grove, Pa.

Maids. 3000 fine stock, 3½ and 4-inch pots, cheap. Send postal or call. C. Radzir, 12 Keep St., Madison, N. J.

3000 strong Meteor plants in prime condition, $3.00 per 100; $25.00 per 1000.
Brant & Noe, Forest Glen, Chicago, Ill.

1800 Brides, 300 Maids, 3-in., $4 per 100. Cash with order, please.
Albert F. Amling, Maywood, Ill.

100 Brides and Maids, 4-in., $3.00 per 100. Cash. J. J. Lawrence, St. Marys, Ohio.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SEEDS.

Now is the proper time to sow for winter and spring blooming. New crop seeds of the following high grade greenhouse flower seeds for which we have attained the very highest reputation, because they are strictly as represented by us.

Michell's Very Giant strain of Cinneraria Hybrida, dwarf growing at 60c per ½ trade pkt.; $1.00 per full trade pkt. Medium tall growing Cinneraria of the same strain, 60c per ½ trade pkt.; $1.00 per full trade pkt.

Michell's Fancy strain Calceolaria are prize winners wherever exhibited, 60c per trade pkt.

Michell's Giant Flowering Cyclamen, all greenhouse grown seed, produces magnificent mammoth flowers; rich crimson; white, with red eye; pink; pure white, also in choicest mixture at $1.00 per 100 seeds; $7.50 per 1000 seeds.

Michell's Fringed Fancy strain Chinese Primula seed in choicest mixtures, $1.00 per trade pkt.; 60c per ½ trade pkt.; $2.50 per 1-16 of oz.

Michell's (giant size) exhibition strain of fancy colored Pansy seed. Without exaggeration the finest and most saleable strain now on the market. 60c per trade pkt.; 85c per 1-8 oz.; $1.50 per ¼ oz.; $5.00 per oz. You will buy this strain again if you try it.

We are specialists in choice florists' seeds. If you do not receive our trade list write us and we will mail it promptly.

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2000 selaginellas, strong plants, 3½-in., $6.00 per 100. John Reck, Bridgeport, Conn.

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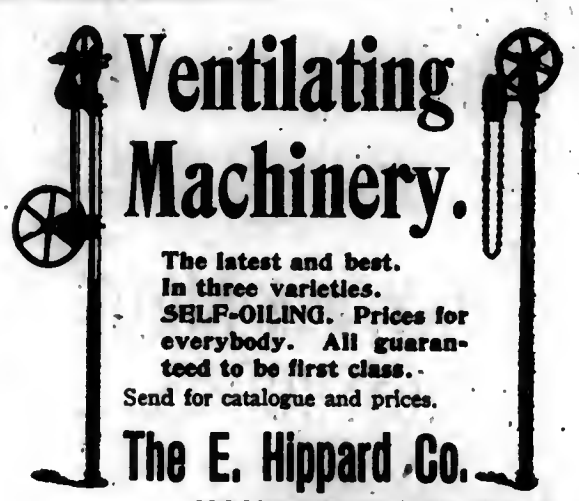
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DECORAH, IOWA.—The florists of Decorah and nearby towns held a two-day convention in this city on the 14th and 15th. Those in attendance were Messrs. Springer of New Hampton, Weatherly of Charles City, Hall of Osage, Kinsman of Austin, Perry and wife of Cresco, and Symonds and Cadwell of this city. While here the visitors were the guests of Mr. and Mrs. Symonds.

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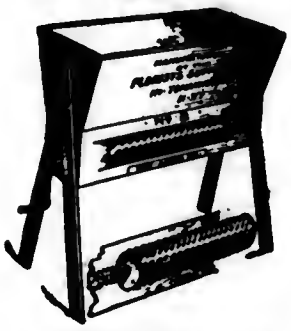
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George M. Garland

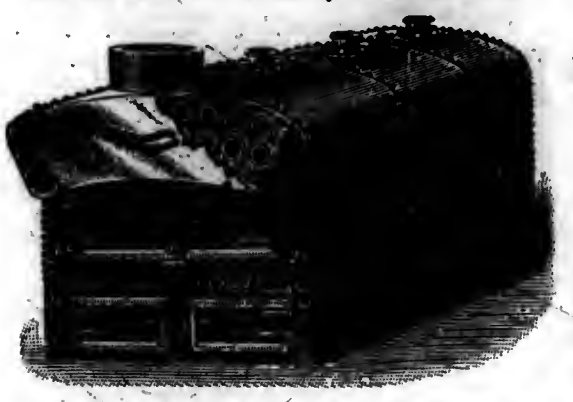
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Yours very truly, Signed, JOHN SCOTT.

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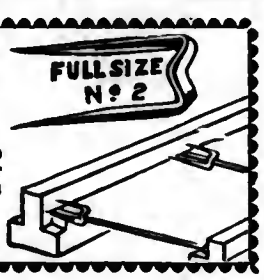
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Vol. VI. CHICAGO AND NEW YORK, AUGUST 30, 1900. No. 144.



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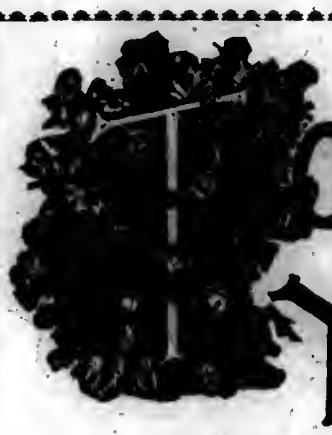
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THE RETAIL FLORIST.....

Fall Wedding Decorations.

Commencing with September, there is generally more activity in the decorative branch of the business, and those fortunate enough to be favored with house or church wedding decoration can easily procure an abundance of fine material. All manner of out-door foliage can be used, and care should be taken to avoid stiff arrangements; if you fix up a screen work or archway of oak branches, for instance, trim it off with a few vines of the ampelopsis or wild smilax type, or arrange to put immense clusters of flowers in it; whatever you do, don't scatter your flowers in a way which will tend to reduce their impressiveness.

If you take a good, big bunch of rudbeckia, tie it loosely, a few sprays hanging down; it will give much better results than dividing it up and attaching the sprays separately. The exclusive use of white for weddings is dying out; many brides even carry highly colored roses, and the deathlike, white decorations are replaced by cheerful brightness; this is as it should be and whenever you get a chance encourage the change.

The Color Question.

White was generally adopted because it is supposed to emblemize purity. It was applied to funerals the same as weddings, and like both events it is an extreme in human mythological fancies. We agree with the appropriateness of white for funerals and dislike to see a casket decorated with all the colors of the rainbow, same as if it were an object or cause of great merriment, and on the other hand we sympathize with the girl who goes to the altar dressed in deathly white, with never a touch of color; she most often looks like a walking ghost with a face as white as the flowers she carries, whereas, if she had a deep red rose pinned on her breast or carried a few fine crimson roses, such as Meteor or Liberty, the effect would be better; and then, all the world agrees that a red rose is the adopted emblem of love, and that is the essential element surrounding a wedding.

The majority of girls would consider it queer if a lover sent them white flowers in the days of courtship—give ninety per cent of them their choice and they would prefer red or pink; this choice should be recognized at the great event, and every florist can do much to change the present mistaken fancy that white flowers are the only ones a bride should carry to the altar.

Custom and Fitness.

Established customs are not always right, and much that is at present considered sacred and obligatory is nothing but the foolishly fanciful creations of brains which are now the dust of the long dead centuries. The world of to-day is quickly adopting the ideas of the living, and though the minority, steeped in selfishness, are loud in their disparagement of sentiment and grasp every chance to deride it as enemy to trade and individual success; nevertheless, the peoples of the world will always appreciate the beautiful, hence flowers will forever be both the incentive and emblem of all that is best in us. The great and continuous growth of the flower business is the best evidence of this truth, and it is a funny, nay, strange freak in human contrariness that though their entire business and the future of the profession depends wholly on sentiment, yet those who desire to pose as the leading lights in it are among the greatest cynics, and slander what furnishes them with a living.

We are generally told by customers that the florist's business must be a lovely one, and that gentility and intelligence must be a ruling element in the atmosphere of the florist store; of that we have nothing to say, we leave it alone, but the majority of florists treat and look upon flowers as so much value from a monetary sense, same as the butcher does the lamb or the poultryman the dove; and it is this mental magnifying of merchandise—the commercial blindness of many that is responsible for many things which injure rather than encourage the demand for flowers. The florist, not the customer, should be the best judge of the appropriateness of the color or form of goods he deals in, and an indication of knowledge on the subject most often results in your victory. Referring to the question of color again, purple is by general consent entirely out of place at a wedding; even blue is tabooed unless it has some special significance, so no matter how beautiful your delphiniums, heliotrope, achimenes and purple asters may be, don't use them at a wedding decoration, because you may have them on hand.

Then again, though the finest effect can be got from the long, drooping branches of Salix Babylonica, still you should not use them for a festival of joy, because of the mournful associations some legends attach to them. And many object to the use of autumn foliage at weddings for the reason that there is a tinge of sadness in the brilliant farewells of summer's foliage. You cannot argue why a mother cries over the event which fills the cup of her daughter's joy; or why the swan is at its best in its dying song; or why the sunset is more brilliant than sunrise. We must ourselves study and acknowledge the fitness of things; and, though we are positive we can do better work by using highly colored autumn foliage, we should not insist on its use in a manner that will create sadness where joy alone should be.

The Right Place.

It is unnecessary to entirely avoid the use of such material, but it is good to be circumspect. If you put it in the hallway, that does not necessitate its use in the parlor. Golden rod is very abundant all over the country at present, and though it is by no means the prettiest or most effective flower obtainable, still it is the cheapest, and the great majority of people love it for the memories or old associations it may be surrounded with. He is a wise florist who suggests its use in all large decorations. We never care to see it made the whole and sole thing; we prefer to see it confined to one room or hallway where wild flowers and foliage only are used; there are exceptional cases when and where it can be made a leading feature, but you will find its glory is dim compared to a cluster of ratibidas or rudbeckias.

Seasonable Flowers.

Allamandas are plentiful in many of the greenhouses and the finest effect can be got by their use in large cluster; they make a fine center piece for table in conjunction with adiantum, or cut in sprays. They can be arranged in hanging vases—have the cups face down.

Dendrobium formosum giganteum are coming in, and it is the best white orchid you can get in quantity at present for bridal or funeral designs.

There was quite a hunt for choice flowers for the funeral of the late C. P. Huntington. Wreaths and cluster bunches of gardenias were wanted, but could not be furnished satisfactorily as they are very limited in supply; so are orchids of every kind, and valley has not been so plentiful as in former summers. One never knows how scarce choice flowers are until an extra particular order comes in, when you are either instructed or wish to furnish something out of the ordinary. Even Kaiserins were sought for in this case in preference to Brides, because they as a rule are finer and scarcer. It is always wise to keep continually posted on where you can get these things,

whether you want them or not. When the time comes it is usually short, and worry uses money and brings you gray hairs. IVERA.

THE NEW YORK CONVENTION.

What I Observed.

The whole affair was "a dream," as the dear girls say, except to those who worked so hard in its preparation.

The decorations were superb, and hard to emulate. But who can hope to aspire to New York style!

Compare a few homely palms with unwashed pots at the Cooper Institute twelve years ago with the fairy land of this convention. It is the evolution of our business, ladies and gentlemen.

The trade exhibit was not only immeasurably the best in the history of the society, but the best horticultural exhibition ever held in this country.

Everything went with a vim and yet smoothly. "This, gentlemen, is a church decoration by Thorley. Next."

May dear Carmody live long to make us laugh.

Before Carmody took Beelzebub's contract for ventilating Hades he should have seen the proprietors of the bowling alleys. They need his meat saw far worse.

Greenwood Cemetery is a wonder in its way—good for the florist trade, but bad from an artistic view. The "Lawn system" and simplicity is much better taste for the last resting place.

We are inclined to think that Prospect Park, Brooklyn, is the park of the country.

That dell where we all sat down was a charming spot, inspiring enough to bring good thoughts to any man.

The venerable W. R. Smith spoke truth as well as poetry when he said: "If we cannot enjoy this beautiful scene we are not deserving of a more beautiful place beyond."

Warren Ewell enjoyed himself immensely, but there seemed little opportunity for his peculiar and inimitable style of oratory.

Two-thirds of the visitors had never before seen Glen Island. We know of no such spot anywhere else. It was worth more than a long journey.

Give me a sea food dinner every day. Those dear little clams were delicious but it's a bother skinning their little black tails.

Being with the committee we had an extra good service and Mr. Olson, the Swedish waiter with the Irish accent, is a comedian. "Gentlemen, this is only a sample, the real thing is comin' directly.". "Corn, gentlemen, right off of my own farm." "Fish, caught within ten minutes, gentlemen."

We ate 97 small clams and 43 large ones, and never felt more amiable.

I pause here to say that among all the good and amiable little men in the land there is none that beats our own E. M. Wood, our worthy president.

There is not enough real competition in the shooting, but it will grow. Philadelphia is too strong, though equally magnanimous.

The Buffalo shooters were poor at the traps, but awfully good at that delicious, bread, butter and ham; the finest butter we ever tasted.

Louie Schmutz was perhaps tired after the bowling. At any rate he preferred a comfortable snooze to the vaudeville on the roof garden.

Mr. Valentine brought his camera along. It's his hobby. But no chance came till we struck a natural natatorium in a country lane near Ernst Asmus' establishment.

New Jersey natatorium, 40 ft. by 20 ft. One willow tree, one large cow up to her belly in mud. Water much thicker than pea soup, and a rich black in color. Two boys about 9 or 10 years old in the nude. Two little girls sitting on the bank as spectators. As we pass we remark: "That's the worst I ever saw." Eldest little girl looks up and acquiesces with: "Yes, it is muddy, ain't it?"

There are many horticultural establishments near New York well worth a long journey, but we think it our duty to stick by the convention while it lasts and do our visiting afterwards.

It requires some nerve to tackle the convention after New York, but with a clear head we can do wonders.

The Buffalo convention will have the blessing of the best presiding officer in the history of the society. A parliamentarian with snap, ginger, voice, wit, good nature and a bushel of brains.

Those alleys were magnificent—but oh, the heat!

Poor Philadelphia! How have the mighty fallen! But they are good fellows and take defeat like gentlemen.

Chicago screeched and howled at every spare in the last game, while Buffalo was piling up strikes without a comment.

We have reached that stage where we can put in two weak men, just to make the game interesting, don't you know.

There were no harder worked men than Theo. Roehrs and his aids, and sometimes they got criticism instead of thanks. It was in the excitement, so forgive us all. You did your duty most splendidly.

Last year's joke about the silver cords fell flat. The padded trunk to convey the trophies to Buffalo came off all right; Philadelphia papers please copy.

Too many men stand up on the alleys and think they are admired. Why don't they bowl in the same careless way they do at home?

Julius Roehrs has a beautiful home as well as a wonderful place, and the Jersey milk he keeps is of the best brand.

The fine cup presented by Mr. Sanders was awarded to a splendid collection of plants, but "a trade exhibit" covers a wide range, and it would be well to define it more clearly on a similar occasion.

It was most pleasant to see so many ladies at the convention, many of them earnest workers in the business.

The souvenir is a beauty and reflects great credit on the publishers.



Church Wedding Decoration.

View used by Mr. Kift in illustrating his lecture at New York Convention.



Decoration of Wanamaker's New York Store by Habermehl & Bro., Philadelphia.

View used by Mr. Kift in illustrating his lecture at New York Convention.

It will pass down as an heirloom in many families.

I observed scarcely anything in the whole convention that I cannot look back to with the greatest pleasure.

Perhaps the pleasantest observation to me was that sweet, soft, insinuating man, Rudd, of Chicago, who from pure kindness of heart and brotherly feeling said: Ladies and gentlemen, Chicago will vote unanimously to go to Buffalo next year, and many thanks to those good men.

And now in conclusion we observe that we have promised you a good time and great sights and from now on will observe to mind our Ps and Qs to fulfill all we promised.

WM. SCOTT.

AMERICAN FLORICULTURE.

Retrospective and Prospective.

By B. T. Galloway, U. S. Department of Agriculture.

(Continued from last week.)

With these various changes came the establishment of large retail stores and commission houses, all so organized as to be able to handle the great quantities of flowers and plants produced by the growers themselves. The importance and need for organization brought into being this society, and the demand for closer union developed the trade journals—small at first, but growing and waxing strong as the years pass by.

A careful survey of the field at the present time leads us to believe that there are now in the Unitd States between nine thousand and ten thousand establishments engaged in the growing and selling of plants and flowers in a commercial way. There are, in addition, many hundreds and perhaps thousands of individuals scattered over the country who sell small quantities of flowers and plants either at their own homes or in other places, but these can hardly be regarded as conducting commercial establishments, although the aggregate amount of glass they control is no doubt considerable. In order to get a satisfactory basis for the figures which follow, we have tried to reach every commercial florist in the United States and to obtain from them data on the amount of glass controlled, kind of crops grown, etc., as would enable us to draw reliable conclusions in regard to the present status of floriculture. This work has been supplemented by personal studies and observations in many sections, and as a result information has been secured which is believed to be reliable as far as it is possible to make it at the present time. At best, however, it must be understood that the figures given are tentative, and with the carrying out of more thorough plans, for which the present work opens the way, they may be materially changed.

The total area of glass in the United States is estimated at from 22,500,000 to 30,000,000 square feet, the largest number of square feet being found in the states of New York, Illinois, Pennsylvania, Massachusetts, Ohio and New Jersey, in the order named. New York is accredited with twelve hundred establishments and 4,500,000 square feet of glass; Illinois with eight hundred establishments and 4,250,000 square feet of glass; Pennsylvania with about nine hundred establishments and 4,000,000 square feet of glass. The development of the business has been more rapid in Illinois, principally in the vicinity of Chicago, than anywhere else, and if present conditions continue it will be only a few years when Illinois as a state and Chicago as a city will lead the country in the amount of stock grown and handled. On the basis of 22,500,000 square feet of glass, the following estimates have been made and published in the last Year Book of the U. S. Department of Agriculture:

"The estimated value of the establishments in this country, including houses, boilers, and all fixtures, is placed at 50 cents for each square foot of glass, or $11,250,000 in all. The income of the producer will average 50 cents per square foot annually, or $11,250,000, and double that amount when viewed from the standpoint of the retailer. Considering the matter from the retailer's standpoint, therefore, the total value of the annual output is $22,500,000, or $1 for each square foot of glass.

"It is estimated that the retail value of cut flowers sold annually is $12,500,000, the estimated apportionment of this sum being, for—

Roses	$6,000,000
Carnations	4,000,000
Violets	750,000
Chrysanthemums	500,000
Miscellaneous flowers, including lilies, etc.	1,250,000

"Estimating the average retail value of roses, carnations, and violets at $6, $4 and $1 per hundred, respectively, the total number of each sold annually, based on the above values, would be, of—

Roses	100,000,000
Carnations	100,000,000
Violets	75,000,000
Total	275,000,000

"The retail value of the plants sold is placed at $10,000,000. Taking the plant trade as a whole and the country in the aggregate, the average-sized pot used is estimated to be 5 inches, and the average retail price 10 cents per pot. This means that there are no less than 100,000,000 plants sold every year.

"To handle this business in its entirety requires probably an average of not less than one man for every 1,500 square feet of glass, or 15,000 men in all. Fifteen hundred square feet of glass per man may seem like a low estimate, and such is the case when considering commercial establishments of any size. The larger the area of glass, other things being equal, the more square feet one man can handle. As a matter of fact, some of the large rose-growing establishments do not employ more than one man for each 10,000 square feet. Large carnation establishments will run about the same as roses, while violets, owing to the great amount of work involved in cleaning the plants and picking the flowers, average higher. It is the many thousand small establishments that increase the amount of labor required."

It may not be out of place now to briefly point out some of the lines along which floriculture seems likely to develop during the coming years. I think all will agree that much is yet to be accomplished in the way of improving business methods in conducting this work. We have been especially struck with this fact in our efforts to get data which would be of value in connection with the figures already quoted. The producer of plants, be he farmer, fruit grower, or florist, as a rule, does not consider it necessary to apply to his workthe ordinary practices followed in the world of business. The reasons for this become apparent on considering the position in which the plant grower is placed with reference to the manufacturer and storekeeper. The grower of plants is at all times required to assume great risks—in fact the risks as a rule are so great as to preclude anything in the nature of mathematical precision in the matter of calculating profit and loss. It must be said, however, that this statement does not hold true so strongly in greenhouse work as it does in outside horticultural pursuits. With the increased facilities for growing plants under glass and the specialization that is rapidly coming about the risks are becoming less at the same time competition is becoming more keen.

It behooves every man, therefore, who

is looking forward to obtaining the highest success in his work to adopt every honorable means to increase production and decrease expenses. This can be done only by the closest attention to business methods leading first of all to a thorough knowledge of every detail as to the cost of production. We have found it almost impossible to get any authentic figures upon the last-named subject. Very few men know what it actually costs to produce stock, as no systematic attempts are made to obtain facts in regard to this matter. As to the cost of houses and other equipment, there is as a rule very little available information on hand.

These statements are not made in a spirit of criticism, but are brought out simply to call attention to a matter which will undoubtedly disappear with the improvements going on in all directions in connection with this work. We have no doubt that much could be accomplished in this direction through organization of the florists throughout the country, for at present only a small per cent belong to anything in the nature of an organization. It would seem of the highest importance, therefore, to put forth every effort in the matter of not only strengthening this society, but developing local and special organizations which would have for their object not only the improvement of the members, but the encouragement of all lines of horticultural work in their respective communities.

We have already pointed out the importance of horticultural societies in the early development of this work, and suggested that what was true of them at that time holds true of such organizations now. The societies can arouse an interest in floriculture by meetings, exhibitions, and in other ways, which will be felt by those who are looking to the commercial aspect of the case. We believe that this society could do a vast amount of good by encouraging the organization of florists' clubs and local organizations everywhere, not with a view of making them in any way tributary, but, on the other hand, to have them develop as strong independent bodies along general lines, which the Society of American Florists can do much to shape this work, and we trust it may long survive to carry it on.



Church Decorated for Wedding.

View used by Mr. Kift in illustrating his lecture at New York Convention.

TO THE NEW YORKERS.

We don't know what the committee on resolutions will say officially in their report, but we do know how all felt towards the men who worked so hard to make this convention the glorious success it was. This achievement was not done in a few days. With perfect discipline and organization for months these men have planned it all out, yet scarcely with all the planning could it have been expected that the whole machine would work so smoothly. There was not an idle man on the committee, and what a great and cool head in the chair.

In another column I have jotted down some impressions, but right here I want to say that for magnificent decorations, a continuous round of pleasure, a marvelous exhibition and every attribute that contributed to make this the greatest convention in the history of our society, we are all grateful and thankful to the New York florists individually and collectively for their great effort.

Tired out they were no doubt, but they will not regret their labors for they sent home hundreds of glad hearts who will not in many years forget the kindness and unstinted hospitality and joy they received in that greatest of cities, New York.

WM. SCOTT.

HOW TO MAKE A PRIVATE PLACE MOST ATTRACTIVE.

By GEO. A. ROBINSON, Montreal.

[Read before the Canadian Horticultural Association at the Montreal Convention.]

The subject, how to make a private place most attractive, is one which may be regarded from so many points of view, that it is difficult to decide which should be taken up first; however, outdoor gardening is naturally the most essential in the majority of private places.

A gardener, upon taking charge of a gentleman's place, should go thoroughly over the garden, and note what improvements he considers necessary. Planting of trees and shrubs will be the first consideration, and here is where the gardener's art and knowledge will be called into play. He must thoroughly understand the nature, growth and habits of the trees or shrubs he proposes to plant. He must naturally be guided by the character and location of the land under consideration. Few trees that grow naturally in a low, moist situation, will grow well on dry lands, and similarly those that grow well on high and dry lands will not thrive in very wet situations, though even to this rule there are many exceptions.

I would advise a more extensive planting of hardy evergreen and flowering shrubs than has been practiced heretofore. The prevailing idea among gardeners was that reliably hardy shrubs were very scarce, but of late years the list has been considerably enlarged, until now it contains varieties that will please the most fastidious, and will be found suitable for all locations and requirements, and for all seasons.

In planting trees or shrubs do not make the common mistake of planting too thickly. I know some gardeners and employers in doing such planting are anxious to have an immediate effect, consequently they plant closely, with the intention of cutting some of them out as they grow, but, as a rule, that cutting out process is never carried out, and the result is a jumbled mass of shrubbery with no individuality, and worse than that, every year sees them thicker; they cannot ripen their wood for the next season's flow-



View in the Dining Car on the Chicago Florists' Club's Special Train to the New York Convention.

ering; they begin to die in the center, and when you are compelled to prune them, a gap is left which is irreparable. Remember when planting shrubs that you are not planting for this year, or next, but for the effect in years to come.

Hardy climbers should be planted extensively in every available nook or corner; they will well repay you for the little trouble they require. Ampelopsis Veitchii is the best of all for covering brick or stone walls; Aristolochia Sipho and Climbing Honeysuckle are most effective for covering arbors or summer-houses, and what is grander than a trellis work out in the open covered with Clematis Jackmannii or its hybrids, or paniculata, or an old bank or rockwork covered with Crimson Rambler or some other climbing rose? By all means plant climbers, and lots of them.

The laying out and planting of flower beds will differ materially according to the different conditions of the place to be planted. The style, position and size all have to be taken into consideration. A large establishment, well furnished with trees, long broad walks, and a large expanse of grass, will give scope to a gardener to show his taste and ability. Instead of having a few flower beds arranged geometrically, close to the house, always looking stiff and formal, and becoming monotonous on account of their everlasting sameness, he can so arrange his beds that at every turn the eye dwells upon something fresh and pleasing. Here plant a great mass of pansies, at another place, primroses of all colors; here a mass of auriculas, and in smaller groups plant the larger growing subjects, clumps of foxgloves, delphiniums, Phlox, rudbeckias, etc., each in its own proper soil and situation. Every part of a garden would in this way have its own distinctive character.

Follow the dictates of nature wherever and whenever possible. Even in this a gardener can go to extremes, by planting a small garden in such a manner that, instead of every plant showing itself off to perfection, they are so huddled together that, beautiful as they may be in themselves, they become completely lost in the vast quantity of them. In the matter of planting the beds every gardener will have to use his own discretion and plant those things that do best in his own particular location, but in any case I would recommend the informal style of planting, rather than the formal carpet beds; not that I would omit carpet-bedding entirely, but a combination of what I may term the three styles, carpet, mass, and sub-tropical. It is the abuse of carpet-bedding that has brought it into such disrepute, but when associated with other beds it has a charming effect.

Mass bedding will, of course, predominate in the majority of private places, and here again I would recommend the combination style which has come into such favor the last few years, and deservedly so. A bed filled entirely with scarlet geraniums looks glaring, but when associated with sweet alyssum, or some other low-growing plant, they give a fine effect in any garden. A bed of coleus alone looks stiff and formal, but plant Abutilon Souv. de Bonn, or some other tall, growing subject with them, and the effect is very pleasing. Abutilon Savitzii, with dwarf achyranthes for a ground work, make a lovely combination, and hosts of other combinations will suggest themselves to the intelligent gardener. A lot has been

written one time or another on the subject of color in the flower garden, but for this style of bedding I would certainly give preference to distinct contrasts, rather than blending, or mixtures of all colors.

Sub-tropical bedding is more practiced the last few years, but not as much as it deserves to be. What is grander than a large bed of ricinus, cannas, caladium, etc., and in this country, where they grow to such perfection, they should be planted largely. A bed of cannas alone, of the up-to-date varieties, make a display which is unsurpassed by any other bedding plant in the garden.

Hardy herbaceous plants should have a very important place in the flower garden, not only on account of their beauty, but for the never ending variety and change which they give from early spring until long after the frost has cut down the tender bedding plants in the fall, there will still be some hardy flowers left which are not only interesting but useful to cut from. The first flowers of spring are always more appreciated after the long, dull winter months have passed and the snow has left the ground. How we welcome the violet, the primrose and other harbingers of spring. Then comes the trollius, Phlox subulata, Iris pumila, Iceland poppies, and almost before they are out of bloom the borders are ablaze with flowers of the early summer varieties. Iris of sorts, Heuchera sanguinea, an endless variety of campanulas, the stately delphiniums, foxgloves and hollyhocks, the graceful gypsophila, which keep gay until the helianthus and rudbeckias come into bloom, and as the season advances we have the hardy asters and heleniums. There is always something new coming into flower, always a change, and always interesting.

It is not possible for me to mention a complete list of perennials here, neither would all be suitable to plant in all positions, but every garden would be much more attractive if herbaceous plants were used more extensively. But whatever style of bedding you pursue, use as much variety as possible; variety is the spice of gardening. Get the idea into your head that no bit of ground ought ever to be seen without flowers, or the immediate prospect of flowers. Heaps of combinations will immediately occur to those conversant with the different growth and habits of plants. Another point, be as original as possible. All that is required is that gardeners shall avoid doing as their neighbors do and strike out new paths for themselves; the besetting sin is a tendency to get into ruts; one man starts a way of doing a certain thing, we see it, admire it, and go home and do exactly the same. In things involving such a multitude of details and varieties as gardening there is no right way, but a great many right ways, and a great many wrong ones. One of the worst ways is to make every part of a garden consist of the same features.

I have touched lightly upon the subject of bedding-out, but no hard and fast rules can be laid down that will apply to every place. The gardener will have to consider his own particular location, whether it is shaded by trees, as, unfortunately, too many of them are, or whether it is exposed to high winds and sunshine, and choose his own plants accordingly. Again, he must study the tastes and wishes of his employer, for it is to the employer before anyone else that he has got to make the place attractive.

All these points are important in making a place attractive, but it is the management of a garden that is its real attraction. Neatness and order are the two points most to be considered. A garden that is well kept is a thing of beauty and a pleasure to visit, but neglect the same place and it becomes a wilderness; therefore let neatness be the order of the day, not only in the immediate vicinity of the dwelling house, but in all corners and out of the way places. Endeavor to so arrange your work that everything will be done at the proper time. It will save a lot of labor, and be far more satisfactory in the results obtained. In the spring, as soon as the snow has left the ground, start cleaning up, and keep eternally at it until the last of the leaves have come down in the fall.

The grass will be the first thing to need attention. As soon as possible it should be swept or raked, and thoroughly rolled, patches that have been winter-killed, resodded or seed sown on them and given a good top dressing of some fertilizer. It should then be mowed often enough not to require raking, as apart from giving unnecessary work, it imparts a ragged and uneven appearance.

Some of the herbaceous plants will be found missing through winter-killing. They should be replaced from the nursery beds, which should be in every well ordered private place.

The edges of the beds must be kept trimmed regularly throughout the summer. No matter how nicely a bed is planted, if the edges are uncared for the bed will always have an untidy and slovenly appearance. Pick off all dead flowers as they appear, and cut down plants as they finish blooming, not only on account of neatness, but in the case of such plants as delphiniums, pyrethrums and others it insures a second crop of bloom later in the season.

The garden walks and carriage drives should always be kept raked and rolled, weeds cleaned off, and edges cut frequently. First impressions are always the best, therefore create a good impression by keeping your walks in a perfect condition. No garden can appear neat and pleasurable where walks clean and neatly kept do not exist.

None of the work of the flower garden is of greater importance than staking, and the difficulty of doing it well is often too evident. It is more often overdone than underdone, and the beauty of the garden marred by the plants being tied into broom-like bundles. To my mind herbaceous plants growing naturally, with their infinity of form and color, furnish a sight beautiful in themselves, but when staking commences, transforming the border into a miniature forest of stakes, all beauty disappears, simply from the injudicious manner in which the tying up and staking are too often performed. Those who practice excessive primness with their plants might think the way in which I manage ours careless, and even slovenly, nevertheless there is a natural look about our borders that (to me at least) is far more satisfactory than if every plant was tied up like a birch broom. Some plants must be staked, but let it be done in such a manner that they will always look as if they are growing naturally.

Watering is an operation which is often abused. There is much unnecessary labor expended in watering. Often if the surface of a bed looks dry it is concluded that watering is needed and accordingly it is given. The flower garden in dry weather does require to be watered, but when this is necessary it should be given a thorough good soaking, which will last a considerable time and keep the plants in a luxuriant growth, but daily surface driblets have a contrary effect, for, naturally enough, the roots of the plants will go in search of moisture, and, this being on the surface they have a hard battle in holding their own against drought and hot sunshine. A thorough watering when the plants require it is far more efficient, but this operation would be hardly required if the beds were mulched soon after planting. The benefits arising from this practice would be compensation for the labor expended. Some people object to it on account of it being unsightly, but the plants will soon cover it entirely out of sight. These are all mere matters of detail, but they all help to make an attractive garden.

Aim to have your bedding plants in the best possible condition for the time required. Our summers are so short that unless the plants are well grown and ready to make a good display as soon as planted out, the best part of the summer is gone and the frost cuts everything off just as they are looking at their best.

It is not my intention to go into details here regarding the cultivation of plants in the greenhouse for time will not allow.

To make a private place most attractive, we must study the style of place of which we have charge, and the likes and dislikes of our employers. In many places the proprietor's residence is of short duration, especially in the city, where they go away for the summer, and consequently do not take much interest in outdoor



F. W, Ude. Jr. Max. Herzog. C. A. Kuehn H. Emmons. J. J. Beneke. Dr. Halstedt. H. Blixen.
Emil Schray. Geo. Windler. E. W. Guy. J. F. Ammann. F. J. Filmore.

A Group of St. Louis Florists.

gardening, but depend upon their greenhouses and conservatories for pleasure during the long winter months. The gardener must therefore conform to their requirements and make the greenhouse always interesting for the owners, who would then be induced to visit them and take pride and pleasure in showing their friends through them. The best way to accomplish this is to grow a good collection of plants, a collection that is as varied as possible, both flowering and ornamental foliage. Let flowering plants predominate, they are always more useful and more admired.

Aim to have as large and varied a collection as possible, but, at the same time make one species a special feature, each in its own season. A good collection of tuberous begonias will keep the conservatory gay until the chrysanthemums come into bloom; then come poinsettias, cyclamen, cinerarias, bulbs of all sorts, until the fancy pelargoniums, calceolarias and gloxinias will carry you right into the early summer. Study the habits of your employers and endeavor to have the conservatory in a presentable condition when you expect them to visit it. Whilst watering or using liquid manure is not a good time. Keep all flower pots and plants clean, and all dirt and rubbish removed constantly. Do not make the common mistake of crowding your plants, with the idea that you will get more bloom. Grow one good plant rather than three poor ones. Try to have every plant in the place, whether large or small, a perfect specimen.

A few words in relation to private gardeners and their mission in horticulture may not be out of place here. Gardening in all its branches is largely in its infancy in this country, but more especially in private places. It is the mission of the private gardener to improve such places by making the one under his charge so attractive that their neighbors will be compelled to copy them to a certain extent.

There is a great scope in our immediate locality for a private gardener. Fresh places are springing up all around us, especially in the country places and along the river front, and I venture to predict that a few years hence Montreal will be the floral center of Canada. It therefore behooves the gardener to look to his laurels and keep up with the times, and I know of no better way than by keeping in continual touch with his brother gardeners, either by visiting them personally, when we may often detect those faults which exist with ourselves, but which, from having become familiar to us, we have not been able to see in the same light. I never visit a gardener but I see something grown better than I grow it, and I come home with the intention of trying that again anyhow. Taking and reading the horticultural papers is a good practice, and by joining the local Gardeners' and Florists' Club, which from personal experience I find to be the best of all; not being content to be a member and pay your dues each year, but by constant attendance and taking an active part in all their discussions.

Keep up to the times in the matter of new plants. Although some of them are failures, you will be well repaid by growing the ones that are improvements over existing varieties. Attend the flower shows, as exhibitors if possible. There is nothing educates the horticultural profession more than friendly rivalry. We see plants and flowers there in the best possible condition, take note of all the newer and better varieties, and even if we are beaten, we go home with the intention of having another try for that cup. Note the improvement in the chrysanthemum since exhibiting them has been a feature. If any one had predicted ten years ago that we could grow chrysanthemum plants four feet across, with a hundred or a hundred and fifty good flowers on them or single flowers 18 or 20 inches

across, he would have been laughed at, but they are realities to-day. And so it is with all plants, the more they are exhibited and the more we see of them, the more knowledge we get of them, the better we grow them and understand them, and the more attractive a private place becomes.

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Adjacent to many of the buildings, the style of gardening will be formal both in the flower gardening and in the larger shrubs and trees. Avenues of the stately Lombardy Poplars will be in keeping with the architecture and hundreds of the shapely Sweet Bays will adorn the lawns in front of the Transportation and Manufacturers' Buildings. The base of many of the buildings will be covered with climbing vines. Nothing adds pleasure to the eye more than these free growing plants and the coldness and formality of the buildings disappear. They will consist of clematis, honeysuckle, bignonia, ampelopsis, aristolochia and all the flowering summer climbers such as cobea, tropaeolum and others. In the center of the Plaza will be a magnificent display of flower gardening in elaborate geometrical designs.

On each side of the Cascades will be many displays of flowering and ornamental leaved plants. To the east and west of the Cascades are the Court of Lilies and Court of Cypresses. The basins are each 200 feet in diameter and will be filled with tropical aquatics. These gorgeous flowering water lilies are more attractive than any terrestrial plant and one of the basins will be heated throughout the summer to facilitate the growth of the Victoria Regia, the mammoth lily of the Amazon. A child of five or six years of age will be often seen standing on these mammoth floating leaves. A curious fact about the Amazon lily is not generally known. Every third day there is a pure white flower which opens about sunset, closing in the morning, opening again the following evening, when it is a beautiful mottled pink. The next morning it closes, never to rise again, and after an interval of eighteen hours there is another flower to succeed it, and so this goes on regularly for several months. These magnificent basins will be surrounded by tall Red Cedar trees 20 to 30 feet high and most stately and symmetrical in form. These trees are already on the ground and receiving special care for their appearance next year.

Between the Horticultural Building and the Government Building are the Sunken Gardens. These gardens are over 800 feet in length and of many fine designs. The larger beds will be occupied with palms and covering the entire surface of the ground will be low growing creeping plants representing what is actually found in the native habitat of the stately trees. In addition to these displays wherever there is an opportunity the grounds are adorned with trees, groups of shrubs and flower beds. To the north and south of the Horticultural Building and colonnades connecting the Graphic Art and the Forestry and Mines Building there will be many flower beds, which will doubtless be devoted to floral exhibits. To the right and left of the Elmwood Avenue entrance, which will doubtless be mostly thronged and which leads straight to the Horticultural Building across the Grand Canal there is to the right and left six or seven acres set aside for the floriculture exhibits.

Mr. Frederick W. Taylor is the head of the Horticultural Department, which includes Pomology, Arboriculture, Viticulture and Floriculture, and William Scott is assistant superintendent of Horticulture in charge of Floriculture. The department has already received many entries for exhibits and is assured of sufficient to occupy 500 beds.

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The Music Garden, in the center of which is a grand fountain, occupies four or five acres on an elevated area to the south of Mirror Lake. A large number of exhibits are already received and planted in large beds surrounding the fountain. Among the exhibits are 6,000 hardy roses, several thousand hardy hydrangeas, phlox and other herbaceous plants. In this beautiful spot are many more flower beds that will be kept constantly gay. This is one of the finest parts of the grounds. Hundreds of trees have been planted and are thriving and the banks of the Lakes and Lagoons have the appearance of being finished for years. The small picturesque Lagoons which jut out from Mirror Lake among the wooded banks will shortly be planted with the hardy water lilies and nelumbiums, the Egyptian lotus and many other of our handsome water plants.

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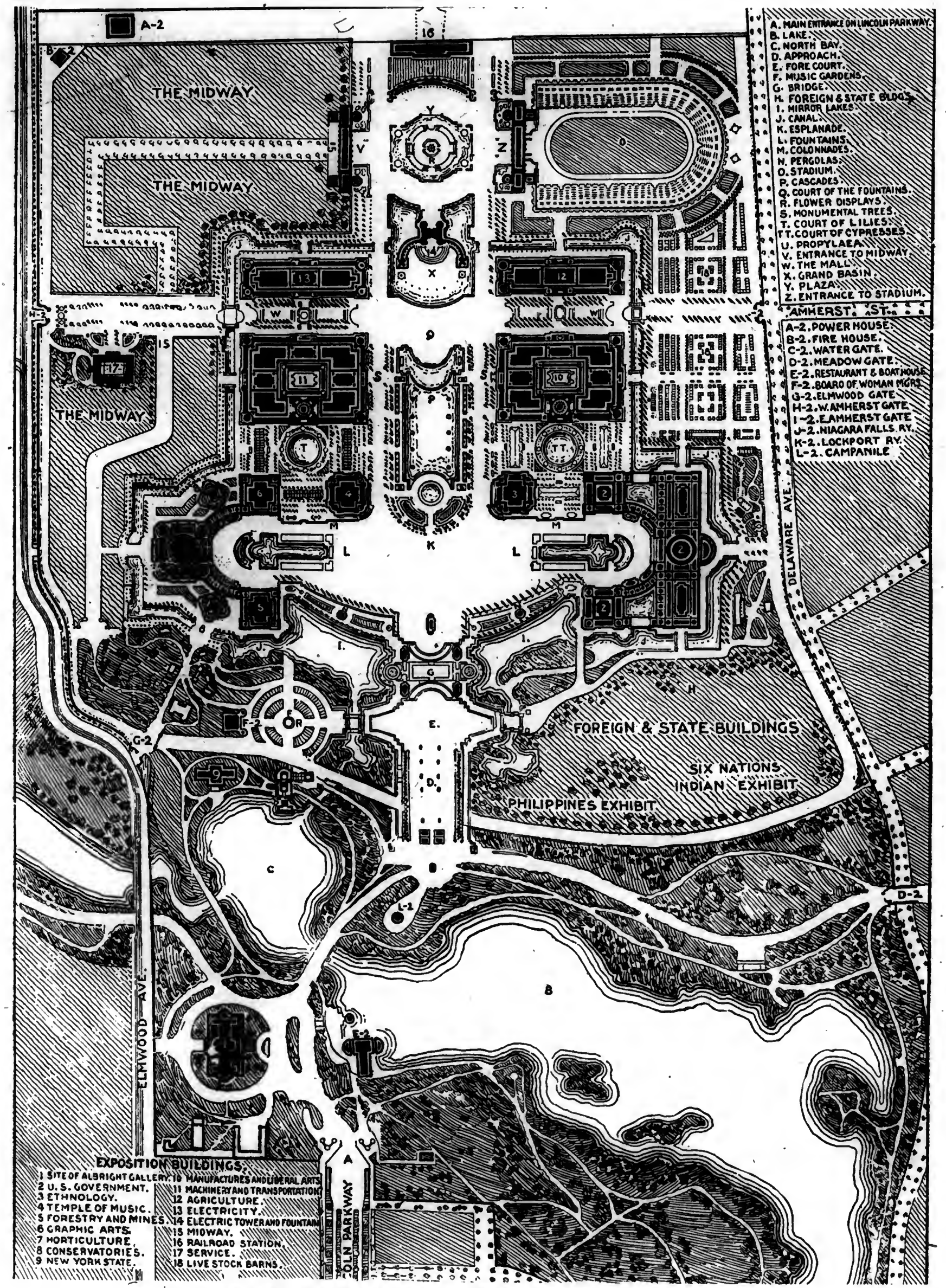
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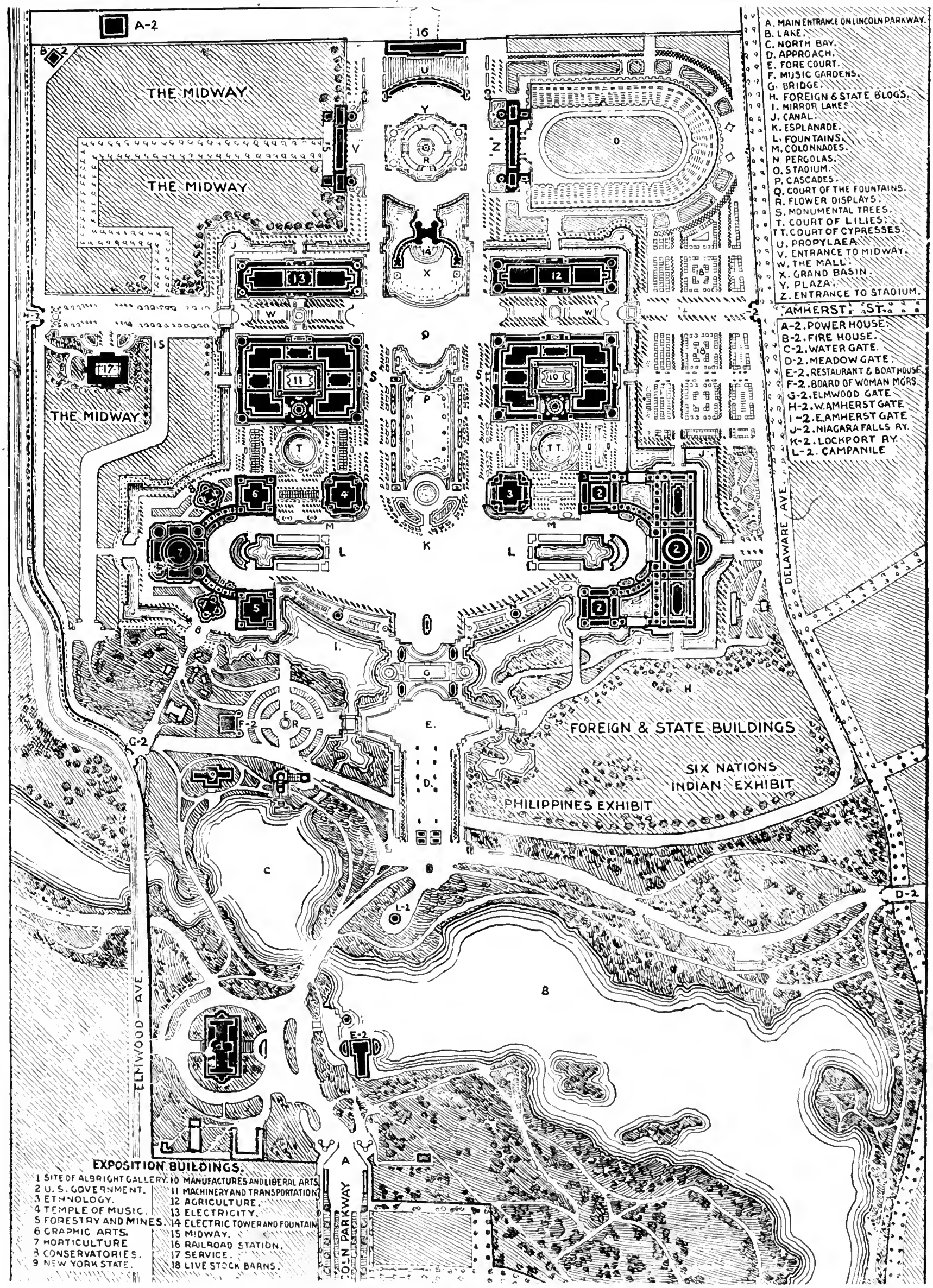
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THE BOWLING TOURNAMENT.

The bowling tournament at New York was a hot one, and no mistake. The temperature at the alleys must have been over 100 degrees and the humidity about 80. The humidity that encased the players was much greater and handkerchiefs were soon reduced to rags. It is a wonder that any decent scores were made by any team under the conditions.

The Lord & Burnham Co. cup was won by Buffalo, with a total of 2,775 pins in the three games. Buffalo also took the Hitchings cup, with the high score of 1,021 in the third game, and the E. M. Wood cup for highest total in the three games. The Wood cup becomes their permanent property, but the other two must be won twice. The Bison City also acquired the Detroit trophy, won by Philadelphia last year.

Chicago won the Queen of Edgely cup with a total of 1,842 in the first two games. This must be won twice.

Of the individual prizes W. F. Kasting, of Buffalo, won the silver cup, with an average of 194 in the three games. He also captured the silver cup for highest score in any one game with 228 in the third game. The gold medal for second highest average went to Wm. Webber, Buffalo, with an average of 179. The gold medal for the third highest average was won by Geo. Asmus, Chicago, with an average of 167.

Following are the scores:

Buffalo.

PLAYERS	1	2	3	TOTAL
J. Braik	89	118	168	375
G. McClure	125	133	133	391
W. F. Kasting	181	175	228	584
W. B. Scott	176	151	143	470
W. Webber	150	157	202	509
Wm. Scott	152	147	147	446
Totals	873	881	1021	2775

Chicago.

G. Stollery	177	152	152	481
F. Stollery	178	149	112	439
P. J. Hauswirth	122	145	145	412
Jno. Degnan	126	167	150	443
E. F. Winterson	118	152	181	451
Geo. Asmus	203	153	147	503
Totals	924	918	887	2729

New York.

P. O'Mara	135	138	150	423
F. Traendly	151	143	134	428
Jos. Manda	145	141	132	418
Theo. Roehrs	150	185	160	495
J. Thielmann	144	161	175	480
T. Lang	143	130	169	442
Totals	868	898	920	2686

Baltimore.

Richmond	125	213	136	474
Booms	134	189	156	479
Lehr	147	155	154	456
Weber	152	159	207	518
Binder	104	118	98	320
Seybold	154	132	151	437
Totals	816	966	902	2684

Flatbush.

D. Y. Mellis	139	177	150	466
A. Zeller	127	148	127	402
L. Schmutz	129	179	116	424
J. Raynor	146	165	167	478
E. Dailledouze	134	145	150	429
P. Riley	149	129	189	467
Totals	824	943	899	2666

Philadelphia.

G. Moss	155	109	122	386
D. Connor	149	141	167	457
W. K. Harris	143	167	125	435
Geo. Anderson	132	165	110	407
G. Habermehl	143	107	131	381
Jno. Walker	185	143	165	493
Totals	907	832	820	2559

Detroit.

P. Breitmeyer	156	150	134	440
F. Pautke	144	120	142	406
F. Beard	145	99	154	398
J. Dunn	167	132	132	431
A. Ferguson	132	115	159	406
F. Holznagel	127	144	153	424
Totals	871	760	874	2505

Pittsburg.

J. W. Ludwig	167	141	126	434
E. C. Ludwig	165	139	129	433
L. I. Neff	125	198	103	426
W. Loew	120	167	110	397
John Baldinger	85	123	152	360
G. Schnerbush	151	126	82	359
Totals	813	894	702	2409

Milwaukee.

C. C. Pollworth	139	120	128	387
W. Edlefsen	168	142	108	418
N. Zweifel	126	103	142	371
A. Klokner	162	166	124	452
W. A. Kennedy	106	135	117	358
H. Hunkel	156	117	142	415
Totals	857	783	756	2396

Cleveland.

J. Eadie	135	156	153	444
A. Graham	85	107	131	323
H. Hart	97	125	97	319
E. H. Cushman	100	149	141	390
B. Hart	106	167	113	386
C. Graham	169	159	159	487
Totals	692	863	794	2349

Boston.

L. H. Foster	101	112	74	287
F. W. Fletcher	115	117	98	320
Wm. Martin	84	102	126	322
T. Butterworth	71	80	92	243
W. Molloy	78	101	101	280
G. Sutherland	138	124	162	424
Totals	587	636	653	1876

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THE BOWLING TOURNAMENT.

The bowling tournament at New York was a hot one, and no mistake. The temperature at the alleys must have been over 100 degrees and the humidity about 80. The humidity that encased the players was much greater and handkerchiefs were soon reduced to rags. It is a wonder that any decent scores were made by any team under the conditions.

The Lord & Burnham Co. cup was won by Buffalo, with a total of 2,775 pins in the three games. Buffalo also took the Hitchings cup, with the high score of 1,021 in the third game, and the E. M. Wood cup for highest total in the three games. The Wood cup becomes their permanent property, but the other two must be won twice. The Bison City also acquired the Detroit trophy, won by Philadelphia last year.

Chicago won the Queen of Edgely cup with a total of 1,842 in the first two games. This must be won twice.

Of the individual prizes W. F. Kasting, of Buffalo, won the silver cup, with an average of 194 in the three games. He also captured the silver cup for highest score in any one game with 228 in the third game. The gold medal for second highest average went to Wm. Webber, Buffalo, with an average of 179. The gold medal for the third highest average was won by Geo. Asmus, Chicago, with an average of 167.

Following are the scores:

Buffalo.

PLAYERS	1	2	3	TOTAL
J. Braik	89	118	168	375
G. McClure	125	133	133	391
W. F. Kasting	181	175	228	584
W. B. Scott	176	151	143	470
W. Webber	150	157	202	509
Wm. Scott	152	147	147	446
Totals	873	881	1021	2775

Chicago.

G. Stollery	177	152	152	481
F. Stollery	178	149	112	439
P. J. Hauswirth	122	145	145	412
Jno. Degnan	126	167	150	443
E. F. Winterson	118	152	181	451
Geo. Asmus	203	153	147	503
Totals	924	918	887	2729

New York.

P. O'Mara	135	138	150	423
F. Traendly	151	143	134	428
Jos. Manda	145	141	132	418
Theo. Roehrs	150	185	160	495
J. Thielmann	144	161	175	480
T. Lang	143	130	169	442
Totals	868	898	920	2686

Baltimore.

Richmond	125	213	136	474
Booms	134	189	156	479
Lehr	147	155	154	456
Weber	152	159	207	518
Binder	104	118	98	320
Seybold	154	132	151	437
Totals	816	966	902	2684

Flatbush.

D. Y. Mellis	139	177	150	466
A. Zeller	127	148	127	402
L. Schmutz	129	179	116	424
J. Raynor	146	165	167	478
E. Dailledouze	131	145	150	429
P. Riley	149	129	189	467
Totals	821	943	899	2666

Philadelphia.

G. Moss	155	109	122	386
D. Connor	149	141	167	457
W. K. Harris	143	167	125	435
Geo. Anderson	132	165	110	407
G. Habermehl	143	107	131	381
Jno. Walker	185	143	165	493
Totals	907	832	820	2559

Detroit.

P. Breitmeyer	156	150	134	440
F. Pautke	144	120	142	406
F. Beard	145	99	154	398
J. Dunn	167	132	132	431
A. Ferguson	132	115	159	406
F. Holznagel	127	144	153	424
Totals	871	760	874	2505

Pittsburg.

J. W. Ludwig	167	141	126	434
E. C. Ludwig	165	139	129	433
L. I. Nett	125	198	103	426
W. Loew	120	167	110	397
John Baldinger	85	123	152	360
G. Schnerbush	151	126	82	359
Totals	813	894	702	2409

Milwaukee.

C. C. Pollworth	139	120	128	387
W. Edlefsen	168	142	103	413
N. Zweifel	126	103	142	371
A. Klokner	162	166	124	452
W. A. Kennedy	106	135	117	358
H. Hunkel	156	117	142	415
Totals	857	783	756	2396

Cleveland.

J. Eadie	135	156	153	444
A. Graham	85	107	131	323
H. Hart	97	125	97	319
E. H. Cushman	100	149	141	390
B. Hart	106	167	113	386
C. Graham	169	159	159	487
Totals	692	863	794	2349

Boston.

L. H. Foster	101	112	74	287
F. W. Fletcher	115	117	98	320
Wm. Martin	84	102	126	322
T. Butterworth	71	80	92	243
W. Molloy	78	101	101	280
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preparations were made to receive him. It is not to be inferred that the city's mayor and a brass band were at the railway station to crown him with laurel; only a few of his admiring friends were ready to proffer felicitations on his recent achievements. Those who did not know him by his personal appearance, like Mr. Smith, of Montreal, were sure they would recognize him, if he had nothing else, by the air of triumph and the belt full of scalps he would wear and which are the rightful appurtenances of the conquering hero of the Buffalo hump. But so far (August 27th), the hero has not come! RIX.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

THE HOLLYHOCK DISEASE.—In almost every garden more or less disappointment has been experienced with hollyhocks, through the mischief wrought by the fungus which so persistently attacks the foliage, and those who have not found a remedy will be well advised in using the Bordeaux mixture. To make a quantity of ten gallons, boil one pound of fresh lime and one pound of common treacle in a quart of water for about fifteen minutes, then add the ten gallons of water and suspend in the mixture one pound of blue stone in a muslin bag until dissolved. This simple remedy must be applied by spraying as soon as the growths start away, and at intervals of a fortnight during the summer, always taking care that the under surface of each leaf is wetted. Liberal cultivation and the extra vigor of young seedling plants over those propagated by cuttings also have a bearing on their resistance of disease, as well as giving more satisfactory flowers. The solution must not be used in greater strength than above advised, or injury to the foliage will result, and it should be applied after the sun has declined.

WATER LILIES.—Although the majority of the new water lilies are luxuries which few can indulge in at present, yet wherever there is water in the flower garden or pleasure grounds these lovely plants are bound to find their way thither sooner or later, and all future plans should include them as far as means will allow. Just as they are starting into growth is the time to introduce them. The native white lily, Nymphaea alba, I have established strongly in lakes in several instances, and this by procuring pieces at this season of the year just as growth is starting, and tying them firmly to the sides of wicker baskets, and packing about the roots some good loam. The baskets should be pushed into position where the depth of water is from a foot to two feet over the crowns. The majority will start into growth, and as the baskets decay away the roots will have taken hold of the mud, and so be firmly established. Where the bottoms of smaller pools are of brick or concrete, some large and rough stones must be built up so as to confine the soil and form a good root run.

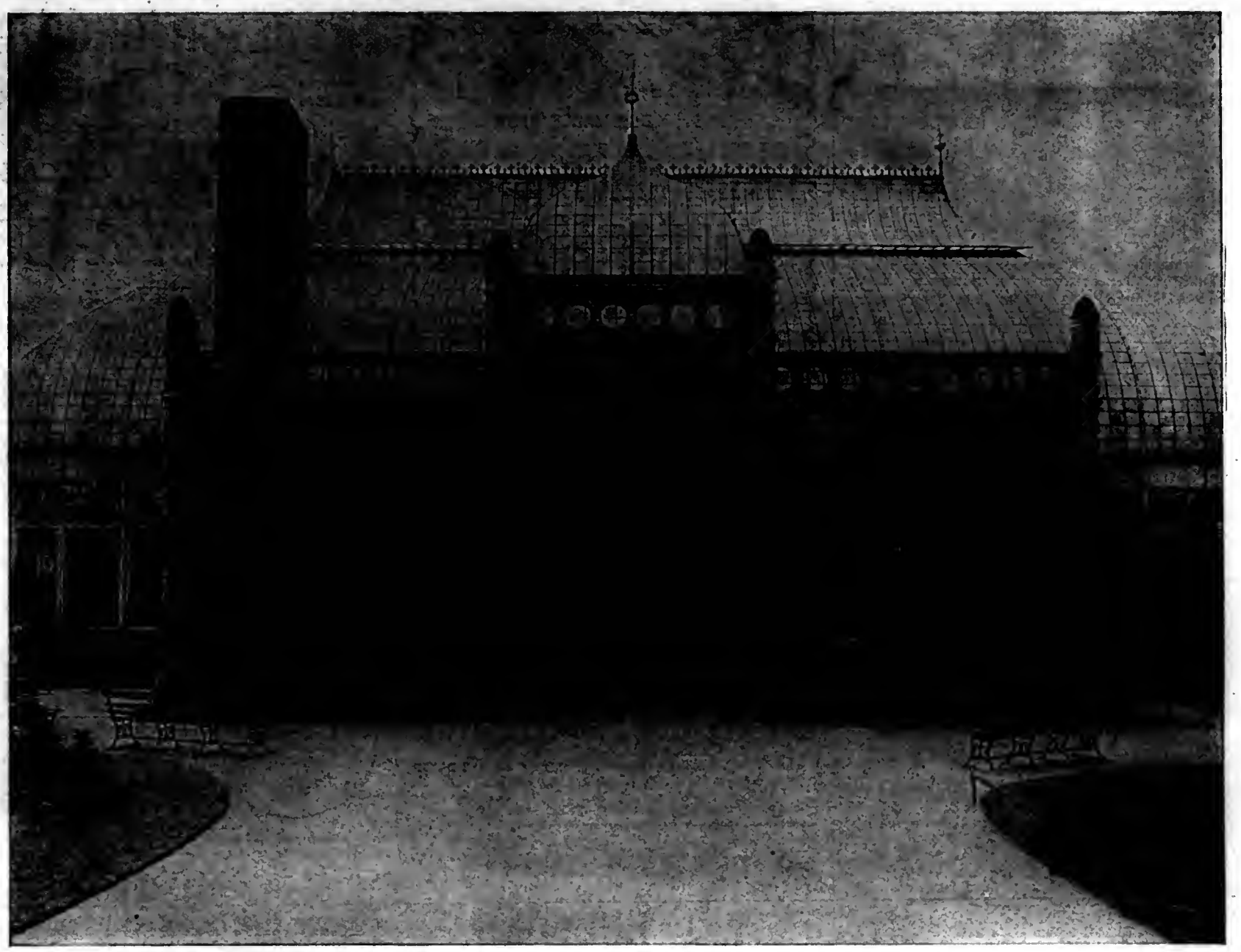
ANTS.—There are many ways of getting rid of ants, which are very troublesome in some gardens and plant houses. It should be generally known that petroleum oil poured into their nests will quickly destroy them, as also will a preparation of quassia chips, made by boiling for ten minutes in the required quantity of water. If eight ounces of chips are used, then use ten gallons of water, adding eight ounces of soft soap whilst the liquid is becoming cool. Alum water is another cure. Have one pound of alum, which must be dissolved in two quarts of boiling water, and allowed to remain on the fire until the alum is quite dissolved. Joints in plant houses, and spots visited by them, may then be brushed with the preparation. A very good way to get rid of ants is by pouring boiling water into the nest and then throwing in quicklime. From plant houses, frames, and rooms ants may be banished by laying a few pieces of coarse sponge in shallow earthenware saucers, such as those in which flower pots are stood, and then sprinkling powdered sugar over them, placing them in suitable positions about the house. In this way they may be caught in large numbers and easily destroyed by dipping the sponge into boiling water.

ROSE CONGRESS AT PARIS.—The subjects arranged for discussion at the Congress of Rosarians to be held at Paris on June 14 and 15 are: Classification of roses; synonymous roses; the use of chemical and natural manures in the cultivation of roses in pots and in the open ground; races of roses; hybridity; influence of the stock on the bud or graft growth—are sports due to this cause?; new remedies for the diseases of roses; the different forms of roses and their characters; newly introduced botanical species of roses; the best means of preventing varieties of doubtful merit being introduced to commerce; the best Bourbon and Bengal roses. The congress has been organized by the National Horticultural Society of France and the French Rose Society, and it is suggested that those who intend taking part in the proceedings should communicate with as little delay as possible their intentions to the "President de la Commission d'Organization, 84 Rue de Grenelle, a Paris." The secretary-general is M. A. Chatenay, and the secretaries are MM. Bergman, P. Cochet and O. Meyran. The congress will assemble each day at 3 p. m.

INFLUENCE OF ELECTRICITY ON PLANT LIFE.—In the course of an article contributed by Mr. John Perry to "Nature" on the relation of atmospheric electricity to disease, the effect of electricity on the growth of plants is incidentally touched upon. Mr. Perry mentions that we know the astonishing effect of a close thunderstorm day on vegetation, the sudden breaking forth of buds, leaves and flowers, the quick development of young seed, and the sometimes rapid growth of such plants as asparagus. Light, warmth and moisture are of course the first conditions. The observation of this remarkable phenomenon gave rise to an interesting experiment of Mecquerel; he selected four hyacinth roots of equal size and of the same variety, which he put in a weak salt solution, two in a frame of glass, the third in a frame of zinc, and the fourth in a frame of copper. The copper and zinc were attached to each other by a wire. The vegetation developed most at the negative pole, less in the neutral frame, and was least at the positive pole. It seems that the roots of plants need a negative electric medium, and the crust of the earth is constantly negative. What increases the tissue changes in plants, decreases that of the animal organism. Thus very often days good for vegetation become tiresome for us.

ERADICATION OF MOSS.—But few who have had experience in the management of grass lawns and pastures will not have had some experience with the trouble occasioned by the growth of moss amongst the grass and the difficulty in eradicating it. The growth of the moss is usually attributed to the poorness of the soil, sourness and deficient aeration, but in the Wye district the pastures become mossy in winter although the growth of the grass indicates a soil well stored with plant food, and the chalk on which the soil rests ensures thorough drainage and efficient aeration. With a view to test the effects of mechanical and chemical treatment for the eradication of moss, the authorities of the South-Eastern Agricultural College have for some time past been engaged in conducting a series of experiments on moss-infested pastures. Two fields were selected for the purpose of the experiments, one an oid pasture that had originally "fallen down" and was still in poor order, the other was better land that had been laid down about ten years; uniformly mossy situations were selected and eight plots, one rod square, marked out by cutting lines in the turf. The treatment began in April, 1898, and was repeated at intervals of a month, except during the dry weather; in all, the plots have been dressed five times. So far as the trials have gone, benefit seems to have accrued from dressings of salt and of superphosphate; rolling has produced a slight beneficial effect, and raking has removed much of the moss; lime, basic slag, sulphuric acid, and sulphate of iron have produced no appreciable effect; organic matter in the shape of sugar and lifting the turf have perhaps made the moss grow more vigorously.

ACTION OF HUMUS IN THE SOIL. We know that the nitrogenous matter of the soil, the humus, is constantly undergoing changes. Under the influence of micro-organisms, and in the presence of carbonate of lime (chalk), the humic matter is oxidized and transformed into nitrates. It is also



Entrance to the Phipps Conservatories, Schenley Park, Pittsburgh, Pa.
[Erected by Lord & Burnham Co., New York.]

known that nitrates when once formed are not retained by the soil, like potash or phosphates, but they are either absorbed and utilized as food by plants or are washed out of the soil by drainage water. In some experiments at Rothamsted relating to rainfall and drainage, it was found that over the twenty harvest years, 1877-8 to 1896-7, there was an average annual loss of nitrogen as nitrates in the drainage of 35 pounds through twenty inches deep of soil, and 34 pounds through sixty inches deep of unmanured and uncropped soil, corresponding to an annual average loss of nearly 2 cwt. of nitrate of soda per acre. Not more than 5 pounds of this nitrogen would be contributed annually by the rainfall; the remaining 30 pounds would be obtained by the oxidation of the humus matter of the soil, which is thus gradually being reduced by the agency of micro-organisms. The decomposition of humus gives rise to carbonic acid. A solution of this can dissolve certain substances which are important as plant food, such as phosphates, lime, and magnesia compounds which are insoluble in natural water. If the soil is lacking in humus growing plants will find less soluble mineral food. We may illustrate this fact by one of the Rothamsted experiments on a four-course rotation of crops which has been going on since the year 1848. The present season (1899) has grown a crop of wheat which is the fourth crop of the thirteenth course, the portion to which reference will be made has had no manure during the whole of that period, so that the land has grown fifty-two crops in rotation without manure. In 1898 one portion of the field was left bare fallow, that is, without a crop, the other portion grew a crop of beans. The produce of wheat in 1899 after the fallow was 26¾ bushels per acre of 62 pounds weight, the produce after the beans was 30¼ bushels per acre of 63 pounds weight. There was a gain of total produce (corn and straw) of 477 pounds from the beans over the fallow. That is to say, the bean crop, by virtue of the nodules upon the roots, had assimilated a certain amount of nitrogen from the atmosphere, and the humus left over from the residue of the bean roots in the soil had combined with the existing minerals of the land, and thus yielded the increase of crop mentioned. There had also taken place, doubtless, some nitrification of the organic matter (humus) by the action of the micro-organisms. The effects of humus on the capacity of the soil to retain water and withstand the evil effects of drought have been found to be very marked. It will thus be seen that the humus of soil is a constant source of nitrogenous plant food, and that its great value resides not only in its increasing of the moisture-holding capacity of the land, but in its power of liberating the mineral element, phosphoric acid.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Advs.

THE REVIEW'S Classified advs. enable you to find with the least possible effort whatever stock you may need.

A SONG OF CHRYSANTHEMUMS.

Chrysanthemums are showering their fascinating flowering
In sweetness overpowering o'er garden, park and street,
And Chicago's best society awakes to the propriety
Of greeting each variety that offers to compete;
Fair Lincoln park is glorious with blossoms meritorious
That tell the floral story as 'twas never told before,
And as our dear divinities stray 'round with their affinities
It seems that every minute is with pleasure glided o'er.

Chorus—
You may talk about our roses,
And your other pretty posies
Which you hold up to your noses
And sniff so daintily;
But of all the flowers we nourish
In their radiant hues to flourish,
And which bloom and fade and perish,
The chrysanthemum for me!

From mansion and emporium they throng the Auditorium,
And reasonably sure I am the show affords delight;
And the nice association of the names of dames of station,
With each floral appellation, is a compliment that's right;
Mesdames Pullman, Rand and Ryerson are all "mums" with fairy fires on,
Which many set desires on as splendidly they bloom,
And each Caton, Glessner, Woodworth is unique in form and good worth,
And is many a humbler bud worth and beautifies the room.

Chorus—

Each swell now wears a ball o' flower as bulky as a cauliflower,
And glad he is to haul a flower of such capacious size,
With a bloom that isn't vapory, but crimpy and frill-papery,
And decks a person's drapery with subtle hues and dyes;
Attend, then, and with gratitude and most imposing attitude
Just speak the pleasant platitude befitting to the show,
Regarding all admiringly, desiringly, inquiringly,
And praise those who untiringly chrysanthemums can grow.

Chorus—

—Chicago Chronicle.

ADVERTISING.

This is the time of year to prepare a neat little booklet on plants and flowers, giving a few plain instructions in their care and uses. Such a book sent out with each plant you may sell, be it at Christmas, Easter, or on any ordinary day, will be the very best kind of advertising for you. Needn't go into a botanical dissertation nor make it an encyclopaedia; just give a few pointers on the proper treatment of house plants, and get it set up in good style, with illustrations of some of your best work, if possible.

MUSCATINE, IA.—The old greenhouse establishment known as the Kranz place, but recently occupied by Aug. Schmidt, has been sold and the entire stock will be closed out.

SUBSCRIBERS are requested to mail us items of general trade interest at any time.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

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Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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A. L. RANDALL
Telephone 1498
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In our new and enlarged quarters we are better prepared than ever to handle your orders.
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Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
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TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
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	Per 100
Beauties, long	$20.00 to $25.00
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Asters, good	.50 to 1.00
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Gladioli "	2.00 to 3.00
Valley	3.00 to 5.00
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Lilies	8.00 to 10.00
Adiantum	.50 to 1.00
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Smilax	per doz., $1.00 to 1.50
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Full line of Field Grown Carnation Plants to offer.

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Callas, select, 1¼ to 1½-in. diam., per 100	$5.00
" " 1½ to 1¾ " "	7.00
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Harrisii Lilies, Longiflorum, Roman Hyacinths, Paper Whites. **Prices on application.**

All Dutch Bulbs in Season.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
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Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems, fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
Cape Flowers, white, per lb	.35
" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
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Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

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Mention The Review when you write.

HEATING PROBLEMS.

In order that I may make my replies to correspondents complete and definite, I would ask that, with their letters of inquiry, they also submit a diagram showing the heights and shapes of the houses to be heated, stating what parts are glass, also show location and depth of boiler cellar, arrangement of benches and grades of floor lines, also state the lowest night temperature desired. Such diagrams need not be to scale nor very elaborate, and would enable me to make my replies more definite and of vastly more value to correspondents.

HENRY W. GIBBONS,
Heating Engineer.

How many runs of heavy 4-inch cast iron pipe will it take to heat a house 65x12? It is a three-quarter span, 7½ ft. from floor to ridge. Boiler sets 6½ ft. below the floor. Glass on roof and ends only. I want to heat it to grow Bride roses and heat with hot water. W. E. H.

For maintaining a temperature of 55 degrees on coldest nights in three-quarter span rose house 12 feet wide, with glass on roof only, he will need five lines of the ordinary 4-inch cast iron greenhouse pipes, these pipes being four inches outside diameter; but if the pipes he has which he describes as heavy are 4-inch inside diameter, four lines only will be needed.

HENRY W. GIBBONS.

New York.

IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.

THE Florists' Manual, by Wm. Scott, is a whole library for commercial florists in one volume. Price $5.00. Now ready for delivery Send in your order.

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WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

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A Complete Reference Book for Commercial Florists.
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Alocasia
Aloysia
Alternanthera
Amaranthus
Amaryllis
Ampelopsis
Ananas
Annuals
Anthericum
Anthurium
Antirrhinum
Aponogeton
Aquatics
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Ardisia
Aristolochia
Asparagus
Aspidistra
Asplenium
Aster
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Azalea
Balsam
Bay Trees
Bedding Plants
Begonia
Bellis
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Bougainvillea
Bouvardia
Bromeliads
Browallia
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Calamus
Calceolaria
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Carludovica
Carnation
Celosia
Centaurea
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Cineraria
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Hardy Shrubs
Heating
Hedera (Ivy)
Hedge Plants
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Insecticides
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During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

AN EXPERIMENT.

I was looking over the columns of a trade journal one evening when my attention was caught by this sentence in large letters: "Money in Cornflowers." This sounded nice. I remembered how Mr. Battles had praised this flower as material for a good boutonniere some years ago. Why might it not come in again? I sat back in my chair and reflected. Visions of the once famous "bluet" revived, for the fashionable garden party boutonniere of the gilded youth of our town floated before me. Then, later, how the Republican national convention would come to our city and how there would be dinners galore, and what would be prettier or more appropriate than red, white and blue boutonnieres for the guests? For red we had a house of American Beauties that would be just right; for white, sweet peas, and for blue, CORNFLOWERS.

The dealers would be wild to get them. They would try Mr. Heacock, they would try Mr. Burton, but it would be of no avail, there would be only one place where they could get all the ingredients for that patriotic compound. It was delightful. I sat up very straight and read the rest of the advertisement. It explained how these little plants produced flowers earlier than seeds sown in the spring and that these flowers would come at just the right time.

I at once wrote to the advertiser, and, feeling that it might be well to corner the market on early cornflowers, I somewhat rashly asked him how many plants he could let me have. A reply and sample came with such promptness I was convinced that he must be a very early bird indeed. He said that if I took them at once I could have 3,000 cornflower plants, nearly all blue. That sounded hopeful; I must be ahead of the other fellows. But the sample was discouraging; it was pretty small and entirely dried up. I potted and watered it with much care, but it did not revive.

I wrote stating that the sample had not given me sufficient confidence to order 3,000, but that I would take 100 if he could get them to me alive. The plants arrived in fine shape, accompanied by a vast quantity of excellent soil, which the express company seemed to regard as taxable. They were carefully planted out and cared for. They grew beautifully and in due time bloomed profusely.

I would like to add that the dealers went crazy about them and that I went to the Paris Exposition this summer. Unfortunately this is not true. The dealers persistently refused to even look at our cornflowers and some decidedly uncomplimentary things were said that I will not repeat. Worse yet, I was obliged to stay at home this summer and work. I am now fully convinced that whatever money there may be in early cornflowers remained in the pockets of the one from whom I bought my plants.

PHIL. A. DELPHIA.

PITTSBURG CUT FLOWER CO., Ltd.

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Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

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A FEW VEGETABLE PLANTS.

It would appear that the output of vegetable plants by R. Vincent, Jr., & Son, White Marsh, Md., was sufficient to stock the gardens of the world. They have 35 acres continuously in young vegetable plants through the season, planting in the course of the year 300 lbs. of cabbage seed and 150 lbs. of celery seed alone. And their trade shows a continual increase.

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Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Man at once who can grow roses, carnations and general greenhouse work; must have five or more years' experience; sober, industrious; give reference. S. J. Long, Petoskey, Mich.

WANTED—Good quick propagator, one who can act as assistant to foreman of a large place. Address Q, care Florists' Review.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

FOR SALE—Greenhouse in live western town, 5,000 population; no competition; nearest greenhouse 60 miles; small amount of cash required. Have in connection best confectionery, fruit and ice cream trade in city. Address G. B. D., care of Florists' Review.

FOR SALE—At a bargain on account of ill health, good florist business, everything nearly new; 8-room dwelling, barn, 5 greenhouses, 5000 feet glass, 2 boilers. Good plant, cut flower and nursery trade. Care of two cemeteries. Best shipping facilities. In a good business town. Address W. D. Chase & Son, New London, O.

SITUATION WANTED—As foreman, by a first-class florist, well up in rose and cut flower growing; good plantsman; best of references; single; open at once Address Foreman, care Florists' Review.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

WANTED—Open for purchase of florist business; wholesale or retail; live western town preferred. Address B. B., care Florists' Review.

WANTED—An all-round florist and designer to operate plant; 5 houses, hot water. $30 00 per month with board and room. John R. Laws, Columbus, Miss.

FOR SALE OR RENT—Three greenhouses, steam heat; good location; houses in good condition; must sell on account of death; good business place for a lively florist. Inquire on premises, Mrs. Rindfleisch, 1500 Pearl street, Cleveland, Ohio.

FOR SALE—Some extra good second-hand 3-inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H. Salter, Rochester, N. Y.

WANTED.

I want to rent a place of from 4,000 to 6,000 square feet of glass, within 200 miles of Chicago. Address with full description, and terms for prompt cash rent,

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WANTED.

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Good designer and decorator; English; age 25; single; five years on place of 20,000 square feet of glass. The best of references. State wages.

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FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Plaasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time. N. ZWEIFEL.
Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
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The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Sup't.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.
From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by William Scott, Florists' Publishing Co., Chicago. A reference book for commercial florists.
The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obstrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

THE FLORISTS' MANUAL...
By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A COMPLETE REFERENCE BOOK FOR COMMERCIAL FLORISTS

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

BOSTON.

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Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

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ST. PAUL.

The intense heat of the present month has had a depressing effect on the cut flower trade. Stock has been of poor quality and off grade, while sales have been confined almost exclusively to funeral work. With the mercury at 110 to 130 degrees in the houses it has been almost impossible for the growers to complete their planting. Still work has progressed favorably and roses and mums are about all benched, while some are already benching carnations.

Mrs. Crane and Jubilee will be the main crop of scarlets, White Cloud, Flora Hill and Evelina of white, Triumph, Tidal Wave, Scott and Daybreak of pink, with a good percentage of Bradts for fancies. Some very good asters are being cut. Inside grown stock is particularly good and choice blooms are selling at $2 per 100 at wholesale, the main crop bringing $1 per 100.

So far as learned, there was but one delegate to the convention, Mr. August Swanson, who joined the Chicago party.

Wm. Donaldson & Co., of Minneapolis, have bought the greenhouses of the C. A. Smith Floral Co. and will hereafter grow their own flowers. Mr. James Souden, foreman for L. L. May & Co., has been appointed superintendent of the business and will reside in the house occupied by Mr. Smith.

John Monson is erecting a new range of houses in Minneapolis, to be devoted to growing roses and carnations.

Mr. A. Currie, of Milwaukee, passed through the city recently.

X. Y. Z.

CHRISTMAS CHRYSANTHEMUMS.

A florist noted a description of a method of bringing a crop of chrysanthemum flowers in for Christmas. He tried it and was successful, but the venture proved unprofitable, as his customers would not buy the flowers. They said they had had enough of them in their season and now wanted something else.

RICHMOND, IND.—Beach & Chessman are busy rebuilding two of their houses, which will be modern in construction with patent tile benches throughout. This will make all their houses modern with the exception of one which they will rebuild next season. This firm had the elaborate decorations for the Saxton-Hibbard wedding last week. The beautiful residence and the St. Paul Episcopal church were lavishly decorated from ceiling to floor. It was the most elaborate wedding seen in this city for two years. American Beauties, valley and white and pink buds were used by the thousands regardless of expense. They also report the heaviest run of funerals for July and August that they have had for years. It is getting to be a fad here to use extensively palms for funerals, and some very pretty decorations in a mild form are seen. Field-grown plants are looking fairly well and roses on the inside are fine. A house of asters are now in the prime of bloom and some disbudded flowers have been cut the past few weeks. B.

Cheap=To Close Out.

BOSTON FERNS, $3.00 per 100; $25.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, $3.50 per 100; $30.00 per 1000.
ASPARAGUS SPRENGERI, $2.50 per 100; $20.00 per 1000.
OTAHEITE ORANGES, from 3-inch pots, fine plants, $4 50 per 100; $40.00 per 1000.
The above are nice plants from 2½-inch pots.

THE GOOD & REESE CO., Springfield, O.

Mention The Review when you write.

CHINESE...PRIMROSES

50,000 Finest Large Flowering Fringed, per 100, $1.75; per 1000, $15.00
Obconica Grand. Fimbriata, Rosea (ready Sept. 20) and Forbesi, per 100, $2.00
ASPARAGUS { Sprengeri, $3.00 per 100. / Plumosus, 4.00 " | PANSY SEED Large Flowering, per oz., $4.00.
CINERARIA, October 1, $2.00 per 100.

Cash Please. JOSEPH H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

VIOLETS, ASP. PLUMOSUS and SPRENGERI.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Baby Primrose, 2¼-in.	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " " (white)	2.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
" " 3-in., " "	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings	1.25
" " "	$10.00 per 1000.

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

We Still Have to Close Out Cheap

2500 Maids, 2½-in. 500 La France, 2½-in.
1000 Perles, 2½-in. 1000 Meteors, 3-in.
500 Am. Beauties, 2½-in. 500 Kaiserins, 2-in.
Boston Ferns, now ready for 5 and 6-in. pots.
WRITE FOR PRICES.

GEO. A. KUHL, PEKIN, ILL.

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

3000 Meteor Plants

3½-in. pots, per 100, $3.00; per 1000, $25.00. Big, strong and in prime condition. Although the season is well advanced, with these plants there is a reasonable chance of success.

BRANT & NOE, Forest Glen, Chicago, Ill.

CABBAGE PLANTS. H. Succession, Early and Late Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY PLANTS. Pink Plume, New Rose and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Extra strong plants, 25c per 100; $1.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Celery and Lettuce; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, M. Louise and Farquhar, $2.50 per 100; $20.00 per 1000.

New Imperial, best dark violet to grow, $3.00 per 100; $25.00 per 1000.

Roses—Meteors and Perles, extra fine stock, from 3-in. pots, $3.00 per 100; $25.00 per 1000; also Maids and Brides, 3-in. pots, same price.

CRABB & HUNTER, Grand Rapids, Mich.

Always Mention the.... Florists' Review When Writing Advertisers.

GENEVIEVE ...LORD...

The finest of all commercial Pink Carnations. So pronounced by all who have handled it. It is so different from all other pinks that it must be classed by itself. We offer strong field-grown plants, August 20th to September 1st delivery, at the following prices:

First size, $12 per 100; $100 per 1000; $2.50 per doz.
Second " 10 per 100; 75 per 1000; 2.00 per doz.

6 plants at dozen rate; 50 plants at 100 rate; 500 plants at 1000 rate.

Orders booked now. First come, first served. Orders also booked for Rooted Cuttings, delivery January 1st, $5.00 per 100; $40.00 per 1000.

H. WEBER & SONS, OAKLAND, Md.

Mention The Review when you write.

Asparagus Plumosus Nanus,

Fine young plants, $5.00 per 100.

BEGONIA REX, strong 3-inch pot plants in in good assortment, $6.00 per 100.

CYPERUS ALTERNIFOLIUS, 2¼-in. pots, $3.00 per 100.

CYCLAMEN, Dry Bulbs, finest strain mixed, $6.00 per 100.

CAREX JAPONICA VARIEGATA, an excellent decorative grass. Extra strong plants from 2½-inch pots, $5.00 per 100.

NEPH. CORDIFOLIA, 2½-inch pots, $3.00 per 100.

SMILAX, field grown, strong clumps, $3.00 per 100; extra heavy, $5.00 per 100,

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

Carnations

FIELD GROWN PLANTS.

F. DORNER & SONS CO.,
LA FAYETTE, IND.

Send for Price List.

Mention The Review when you write.

...30,000...
Field Grown PINKS.

23 varieties. Scotts and Jahn's Scarlet, $4.00 per 100. Prices of other varieties on application.

C. L. HOWE, DOVER, N. H.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

FIELD-GROWN CARNATIONS

With Plenty of Roots.

Send for prices on 35 best new and standard varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Begonia... Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 120,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE BUTTERCUP C. M. BRADT
$1.50 per doz.; $8.00 per 100.

CRIMSON SPORT ARMAZINDY JUBILEE ELDORADO DAYBREAK WHITE CLOUD MELBA MAUDE ADAMS TRIUMPH
$1.25 per doz.; $6.00 per 100.

McGOWAN L. L. LAMBORN SWEET BRIER METEOR FLORA HILL PORTIA MRS. FISHER ALBERTINI WM. SCOTT DOROTHY SWEET C. A. DANA
$1.00 per doz.; $5.00 per 100.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring or freedom of bloom by any other grown. Price 50c per 100; $4.00 per 1000.

J. L. DILLON, - - BLOOMSBURG, PA.

Mention The Review when you write.

STRONG FIELD-GROWN CARNATIONS.

Melba, G. H. Crane, Mrs. F. Joost, White Cloud, America, } $5.00 per 100.

	Per 100
5000 Mixed Geraniums, 2¼-in	$1 50
2000 Named " "	2.00
5000 Chinese Primroses, white, red, pink and blue, 2¼-in	2.00
2000 Mixed Begonias	1.50
1000 Red Vernon, 2¼-in	1.50
1000 Erfordi, 2¼-in	1.50
1000 Asparagus Sprengeri, 3-in	6.00
500 Nice Rex Begonias, 4-in	10.00
Calla Bulbs, 1½-in	7.00
Mixed Ferns (strong plants) 4-in	10.00
Pansy Seed, Giant and Fancy Mixed, $4.00 per oz.	

The Morris Floral Co., - Morris, Ill.

Mention The Review when you write.

EXTRA FINE, FIELD-GROWN
Carnation Plants!

Let Us Figure on Your Wants.

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

CARNATIONS!

Field-grown **MARQUIS,**
First, $15.00; Second, $10.00.

L. E. MARQUISEE, Syracuse, N. Y.

Always mention the Florists' Review wher writing advertisers.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Speclalties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,
226 North 9th Street,
BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Surplus Carnation Plants at 2 1-2 cents Each.

These are nice large plants. 300 Scotts, 50 Cerise, 75 Keller, 400 Daybreak, 50 Silver Spray, 200 McGowan. **The lot for $20.00.**

SUNNYSIDE GREENHOUSES, Owosso, Mich.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ARAUCARIAS.

Araucaria excelsa, 8-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

Araucaria excelsa, $1.00 to $2.00 each. Cash. W. A. Bock, No. Cambridge, Mass.

ASPARAGUS.

Asparagus plumosus nanus, extra strong, from 3-in. pots; about ready for a 4-in. shift. $1.00 per doz.; $8.00 per 100; $70.00 per 1000. Orders amounting to $5.00 and over, f. o. b. New York City; these, from unknown correspondents, will be sent C. O. D. Seawanhaka Greenhouses, W. L. Swan, Proprietor, Lock Box 227, Oyster Bay, Nassau Co., N. Y.

A. Sprengeri, 3-in., $1.00 per doz., $8.00 per 100; 4-in., $1.50 to $2.00 per doz.; large specimens, 50c, 75c, $1.00 and $1.50 each. A. plumosus, $2.00 per doz.; $15.00 per 100.
Michel Plant & Bulb Co., St. Louis, Mo.

Asparagus Plumosus Nanus. Transplanted seedling plants, ready for 2½-inch pots at $3.00 per 100; $25.00 per 1000; 500 at thousand rates. Express prepaid. Cash with order.
R. Asmus, New Durham, N. J.

Asparagus plumosus, 2½-in., $5.00 a 100; $50.00 a 1000. Large and bushy, ready for 3-inch. John F. Horn, 20 North 6th Street, Allentown, Pa.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100, $20.00 per 1000. Nice plants from 2½-in. pots.
Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 2½-in., $4.00 per 100; $35.00 per 1000. Asparagus plumosus, 2½-in., $6.00 per 100; $55.00 per 1000.
J. B. Heiss, Dayton, Ohio.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kans.

Asparagus plumosus nanus. Heavy 10 ft. strings 50c per string. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

A. plumosus, 4 and 5 in., pots. Write for prices.
S. Taplin, Fort st. West, Detroit, Mich.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri. Very fine lot in 3-in. at $7.00 per 100.
Phillips & Dodge, Billerica, Mass.

A. sprengeri and plumosus, 2½ in., $5.00 to $6.00 per 100; 3½ in., $12.00 per 100.
W. A. Bock, No. Cambridge, Mass.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

A. plumosus nanus, fine young plants, $5.00 per 100. N. Smith & Son, Adrian, Mich.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros. Springfield, Ohio.

1000 A. Sprengeri, 3-in., $6.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

A. sprengeri, fine 2 in., $4.00 per 100.
Geo. L. Miller, Newark, O.

ASPIDISTRA.

Aspidistra. The hardiest decorative plant. Fine, perfect stock, with from 3 to 20 large and well formed leaves. In 4 to 9-inch pots. $5.00 per 100 perfect leaves. This is a bargain, quality considered.
Michel Plant & Bulb Co., St. Louis, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, specimens from 4 to 10 ft. Write for prices.
S. Taplin, Fort st. West, Detroit, Mich.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonias. Metallica, Glaucophylla Scandens and a dozen more good kinds, 4 and 5-inch pots, $2.00 per doz.; $15.00 per 100.
Michel Plant & Bulb Co., St. Louis, Mo.

Begonias, 2000 mixed, 1000 Red Vernon, 1000 Erfordi, 2¼-in., $1.50 per 100. 500 nice Rex, mixed, 4-in., $10.00 per 100. Morris Floral Co., Morris, Ill.

Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
The Cottage Gardens, Queens, N. Y.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Rex Begonias, 3 in., 10 varieties, $7.00 per 100. Geo. L. Miller, Newark, O.

Tuberous rooted begonias, 4-in., 75c per doz. Godfrey Aschmann, 1012 Ontario st., Phila.

BERRIED PLANTS.

Ardisia Crenulata, fine, strong plants from 2-inch pots, ready for a shift, $5.00 per 100. Cash, please. R. G. Hanford, Norwalk, Conn.

If you read these advs. others would read yours.

BOUGAINVILLEA.

Bougainvillea Glabra Sanderiana. A fine stock, cut back and bushy, in 4-inch pots, $2 00 per doz.; $15.00 per 100.
Michel Plant & Bulb Co., St. Louis, Mo.

BULBS.

Our Three-leg Brand of Lilium Harrisii and Longiflorum is freer from disease than any other stock grown in Bermuda. It is not the cheapest, but the best. After filling all advance orders, we have left a few boxes of each size, and this is our price:

	Per 100.	Per 1000.
5 to 7-in., 400 in box	$ 5.50	$ 50.00
7 to 9-in., 200 in box	11.00	100.00
9 to 11-in., 100 in box	20.00	200.00
L. Harrisii, as usually sold, 5 to 7-in.	4.50	40.00
R. Hyacinths, white, 12-15 cent...	1.75	16.00
R. Hyacinths, white, 11-12 cent...	1.50	12.00
R. Hyacinths, white, 13-15 cent...	2.50	20.00
Narc. Trumpet Major, for forcing early	1.50	12.00

Freesia Refracta alba, 1st size, $5.00 per 1000; extra size, $7.00 per 1000; monsters, $8.00 per 1000. All the above are ready for delivery.
Clucas & Boddington, 342 West 14th St., New York City.

California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100 $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs.
F. Ludemann, Pacific Nursery, San Francisco, Cal.

Lilium Washingtonianum, native of Oregon, size 8 to 10, price to florists $10.00 per 100, F. O. B. Portland. Our man leaves about the first of next month for the mountains to dig these bulbs. Orders received not later than Sept. 5. Bulbs shipped Oct. 1.
Buell Lamberson, Seedsman, Portland, Ore.

Freesia Bulbs, per 1000, 1-4 to 3-8 in. diam., 50c; 3-8 to ½ in. diam., $1.25; ½ to 3-4 in. diam., $3.50. The smaller bulbs will prove as satisfactory as the larger if planted early. Bulbs ready for immediate delivery. Johnson & Musser Seed Co., Los Angeles, Cal.

Harrisii and Callas ready now. Write for prices. Bermuda, Freesias and Oxalis, Romans, Paper White and Holland bulbs soon to arrive. Let us give prices on your requirements. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Callas. California grown, prime stock. Per 100: No. 1, 1⅝ to 2½ diam., $10.00; No. 2, 1⅜-2 diam., $7.00; No. 3, 1 to 1½ diam., $5.00; No. 4, ¾ to 1¼ diam., $3.50. Acme Nursery, Galveston, Tex.

SPECIAL CONSIGNMENT SALE.
L. Harrisii, 5-7, fine healthy-looking bulbs, per 1000, $35.00. Not less than original packages of 400 bulbs at this price. Net, spot cash.
Hulsebosch Bros., Englewood, N. J.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Calla Bulbs, per 100, 8 in. cir., $8.00; 6 in. cir., $6.00; 4 in. cir., $4.00. Sets, 25c; 100 by mail 10c extra. Cash with order.
J. Boll, Jamaica, N. Y.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

California grown bulbs. Send for our special trade list. Address California Nursery Co., Niles, California.

Nerine and Belladonna, large flowering bulbs. Write for prices.
S. Taplin, Fort st. West, Detroit, Mich.

Calla bulbs. Strong 8 and 10c sizes for 5c. Cash. South Side Floral Co., Springfield, Ill.

Polman-Mooy, wholesale Bulb Growers and Nurserymen, Haarlem, Holland. (Estab. 1810.)

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Segers Bros., Lisse, near Haarlem, Holland. Growers of strong and healthy Bulbs.

Calla bulbs, 1½-in., $7.00 per 100. Morris Floral Co., Morris, Ill.

Callas, large size bulbs, $5.00 per 100.
G. Noack, Batavia, N. Y.

Barnaart & Son, Vogelenzang, Holland.

CARNATIONS.

Genevieve Lord is the finest of all commercial pink carnations. It is so different from all others that it must be classed by itself. Strong field-grown plants as follows: 1st size, $2.50 per doz., $12.00 per 100, $100.00 per 1000; 2nd size, $2.00 per doz., $10.00 per 100, $75.00 per 1000. 6 plants at dozen rate, 50 at 100 rate, 500 at 1000 rate. Orders booked for rooted cuttings, Jan. 1 delivery at $5.00 per 100; $40.00 per 1000. H. Weber & Sons, Oakland, Md.

Carnation plants for sale. 25,000 carnations at $3.50 to $5.00 per 100; $28 to $38.00 per 1000. Flora Hill, McGowan, White Daybreak, Scott, Cerese Queen, Victor, Eldorado and others. Steam pipe wanted. I will take in exchange for carnation plants, 800 to 1,200 feet of 1-inch to 3-inch, and 150 feet of 4-inch new or second-hand steam pipe. State price and condition.
W. H. Watson, Lapeer, Michigan.

Extra fine field-grown stock. White Cloud, $6.00; Flora Hill, $5.00; Daybreak and Wm. Scott, $4.00 per 100. Also a limited supply of Marquise, G. H. Crane, Gen. Gomez, Mrs. Bradt, Gold Nugget, Victor and Triumph. These are excellent plants. Prices on application. W. A. Wettlin, Hornellsville, N. Y.

Plant them early. Extra strong, healthy plants ready now, of the following standard sorts: Mrs. Bradt, Mary Wood, White Cloud, Triumph, Daybreak, Scott, Mayor Pingree, Jubilee, Flora Hill, Empress, $5.00 per 100; $40.00 per 1000. Lamprecht Bros., Ashland, O.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Our carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send them to all parts of the U. S. in perfect condition. For varieties and prices see large adv.
J. L. Dillon, Bloomsburg, Pa.

25,000 Maud Adams, Wm. Scott, McGowan and Portia. In the best of health. This is not surplus stock. Plants will be sent just as they run in the field. I do not plant any carnations this season. Write for prices. Frank Niquet, Florist, Patchogue, L. I., N. Y.

Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment. Ed. Kirchner, Winona, Minn.

8000 good, healthy carnation plants. G. H. Crane $7.00, White Cloud $6.00, Mrs. F. Joost $5.00, Daybreak, Mrs. Jas. Dean, Flora Hill $4.00, Pingree and Mary Wood $3.50 per 100. Cash. Carl Rauth, Springfield, Ill.

G. H. Crane, the finest of all the scarlets. We have 10,000 extra fine plants for immediate delivery at $8.00 per 100; $75.00 per 1000. Cash with order. S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

Extra carnation plants. Per 100: McGowan $4.00, Dana, New York, Lady Emma, Flora Hill, John Young $5.00; second sizes cheaper. Cash please. William Stuppe, Hollis, L. I., N. Y.

Surplus carnation plants. 300 Scotts, 50 Cerise Queens, 75 Kellers, 400 Daybreaks, 50 Silver Sprays, 200 McGowans, at 2½c each, or $20.00 for the lot.
Sunnyside Greenhouses, Owosso, Mich.

For Sale—Field Carnations. 300 Ethel Crocker, fine, large plants, at $10.00 per 100. Also 200 Argyle and 200 Flora Hill, at $3.00 per 100. Address E. F. Overman, Wabash, Ind.

A bargain. I have a few hundred field-grown carnation plants at snap bargain. For prices and varieties address W. J. Miller, 403 E. Water St., Pontiac, Ill.

Freedom, best white; Ferd. Mangold, crimson, $5.00 per 100 cash. Good, clean stock.
W. G. Kraber, Tremont St., New Bedford, Mass.

30,000 field-grown pinks, 23 varieties. Scott and Jahn's Scarlet, $4.00 per 100. Price of other varieties on application.
C. L. Howe, Dover, N. H.

Carnations: Flora Hill, White Cloud, Triumph, Daybreak, $5.00 per 100; Crane, America, $6.00 per 100. W. Sabransky, Kenton, O.

Carnation Growers. Send for trade list. Standard Varieties, leading novelties. Grallert & Co., Colma, San Mateo Co., Cal.

Field-grown carnations with plenty of roots. Send for prices. Geo. Hancock & Son, Grand Haven, Mich.

Field-grown plants ready Aug. 1, for planting in. Strong stock.
Dana R. Herron, Olean, N. Y.

Field-grown Marquis. First, $15.00; second, $10.00. L. E. Marquisee, Syracuse, N. Y.

1200 Scott carnations, nice plants, 5c each. Cash. Chas. P. Gulick, Kingston, N. J.

Field-grown carnation plants. Send for price list. F. Dorner & Sons Co., La Fayette, Ind.

Field-grown carnation plants for immediate shipment. E. A. Llewellyn, Olean, N. Y.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

CHRYSANTHEMUMS.

Mrs. Barr, Silver Wedding, all fine varieties, strong plants, from 2¼-in. pots, $4.00 per 100. Dorothy Devins, Elvena, H. W. Longfellow, H. L. Sunderbruch, Miss Helen Wright, Pitcher & Manda, Pride, B. M. Giroud, J. H. Troy, Mrs. S. Humphreys, Mme. F. Bergmann, Black Hawk, J. H. Woodford, Iora, Mrs. H. Weeks, Maude Adams, Belle of Castlewood, Helen Bloodgood, Marguerite Graham, Minerva, Riverside, T. B. Morse, W. H. Lincoln. Strong plants, from 2¼-in. pots, $2.50 per 100; $20.00 per 1000, for our selection of above varieties.
Wood Bros., Fishkill, N. Y.

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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
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KANSAS CITY, MO.

Various Items.

Encouraged by the increase of business of last year over previous years, and sanguine of the future the florists have here, the growers are making every effort to meet the demand for next season. All the leading growers are unanimous in the opinion that inside stock never before looked as promising as it does this summer. That we are gradually forging ahead is indicated by the fact, that, besides the completion of several new greenhouses many of the larger establishments have been thoroughly overhauled from the boiler pit to the potting shed.

The Humfeld Floral Co. were only partially successful with their roses last winter and are now exercising their wits trying to find a remedy which will prevent a recurrence of another such misfortune. This firm reports trade fairly good all summer, and have recently purchased a fine new delivery wagon which cannot help but make some of us feel envious.

Samuel Murray owns 15,000 feet of glass on Prospect avenue, which, for cleanliness and quality of stock grown there, makes his place hard to beat. His Asparagus Sprengeri in twelve-inch pots and the adiantum ferns are perfection. Sam has a hobby—the growing of grapes of the Muscat variety, under glass, and gee whiz! such fine fruit! Some of the bunches are so large that "shirt waists" are necessary to support them on the vines.

Good rains during the past week have greatly revived all outside stock, and the indoor planting of carnations will now commence in earnest. Among the best plants seen in the field are those grown by Charley Heite, of Merriam, Kan., six miles from Kansas City. Although a very young man, Charley has acquired wonderful skill in the growing of carnations, which he has made a specialty for the past five years. To his credit it may be said that his stock was superior last winter to any grown in this section.

Business at the stores is extremely quiet, absolutely nothing doing but a little funeral work.

W. L. Rock arranged a few choice bunches of roses and asters for the funeral of Senator Ingalls.

Asters are more plentiful and improving in quality. Roses cut from this year's stock are beginning to come in. Beauties and Kaiserins average good, but Bride and Maids are yet small and short-stemmed.

H. J. M.

SOILS.

C. G. writes: "We have a black top sod soil six inches thick overlaying a stiff yellow clay. This soil turns green and sour and later almost black, and most of the plants damp off or die. I sent a sample to the analytical department of a chemical works, and inclosed you will find a copy of the analysis. What shall I add to the soil to prevent it from getting sour? I have tried lime but without satisfactory results."

We referred above to Prof. William Stuart, of Purdue University Experiment Station, who replies: "The information given is hardly sufficient to warrant one in giving any specific directions as to treatment. The analysis given means very little. It is quite improbable that a soil such as described by your correspondent is totally deficient in phosphoric acid, potash and nitrogen, three of the most essential chemical factors in plant growth, yet the analysis makes no mention of them.

"I am inclined to believe that the land has poor drainage. A stiff yellow clay subsoil is very retentive of moisture. Good drainage would be my first suggestion.

"I would next ascertain if the soil is deficient in plant food. An easy way to determine this is to divide a portion of the land which is of uniform composition into plats of from one-tenth to one-fortieth of an acre. To one of these plats apply kainit (kainit is one of the German potash minerals consisting of the sulphates and chlorides of potash and magnesia). To another apply an acid phosphate, and to another nitrate of soda. A similar plat should be left unfertilized. The kainit should be applied at the rate of about 500 lbs. per acre and the acid phosphate from 1,000 to 2,000 lbs., while the nitrate of soda may be used at the rate of 300 lbs. per acre.

"By such a method of experimentation one should be enabled to study the requirements of his soil and from the information obtained could furnish such food to the plants as is lacking in the soil."

SARATOGA SPRINGS, N. Y.—A feature of the "Festival of Flora" this year will be a grand ball at which not only will the costumes worn, but the dance as well, include the characteristics of the months represented, as March, the wind; April, the grass and leaves; May, the violets and apple blossoms; June, the roses and bees; July, buttercups; August, poppies and wheat; September, daisies; October, bacchanalian; November, autumn leaves and pine cones; December, holly; January, ice and snow; February, St. Valentine (the Cupids).

MINNEAPOLIS, MINN.—Wm. Donaldson & Co., the department store firm, have purchased the C. A. Smith greenhouses, the consideration being $19,000. The property will be considerably improved. James Souden, for some years with L. L. May & Co., will be superintendent, and Mr. Smith will be retained as an assistant.

OTTUMWA, IOWA.—C. Kranz, formerly of Muscatine, but now of Ottumwa, has built four houses each 28x120 ft., and a palm house 15x50, and on Oct. 1, he will open up a fine store down town, the greenhouses being three miles out.

THOUSANDS XX ASPARAGUS SPRENGERI, 2-in., $3 50; 2½-in., $4.00; 3½-in., $5.00. English Ivy and Baby Primrose, 2½-in., $4.00. Blue Spirea, 2½-in., $3.00. All above prices per 100. Write for price on Field Clumps Violets. Cash with order. **RONEY BROS., Florists, WEST GROVE, PA.**

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G. L. GRANT, EDITOR AND MANAGER.

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Young, Thos., Jr.....386
Zirngiebel, D 386
Zvolanek, A. C.....405

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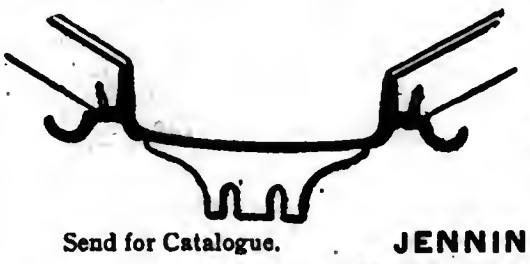
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Arranged for either Expansion or Fixed Joints.

Parties Contemplating Using Iron Gutters will do well to note the following extract of patent No. 616,781, issued to Geo. M. Garland, and are hereby cautioned against making use of the same without my consent:

"At the end of each member of the gutter, a downwardly-extending flange is formed, adapted to engage with the inner or lower ends of the roof-beams, but the flanges are of sufficient width to extend below the roof-beams, and at their lower ends upwardly and outwardly extending members are produced, forming auxiliary gutters, which serve as drip conductors and act to carry off the condensations of steam from the glass of the roof. The nails, screws, or other fastening devices are passed through the drop flanges and into the lower ends of the roof-beams, so that these fastening devices for connecting the valley-gutter to the roof structure are below the weather-faces of the valley-gutter and consequently the weather-faces of the valley-gutter need not be perforated, insuring against leakage."

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Nursery..... .....Seed..... Florists'.... **Catalogues**

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To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florists' Manual, by Wm. Scott, keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

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(TRADE MARK.)

To be applied with a bulb. The only Putty made to work this way for green house sash.

One gallon, 20 lbs.

Has been used by florists in this city for years. Try it and you will use no other.

We have been using the T. H. Nevin's "Green-House Putty" for some time and are pleased to recommend it to all those who wish a number one article. It has always given us perfect satisfaction. When you use this Green House Putty you will be sure of good results from same. Signed:—

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HARTMAN BROS., Florists, Allegheny, Pa.
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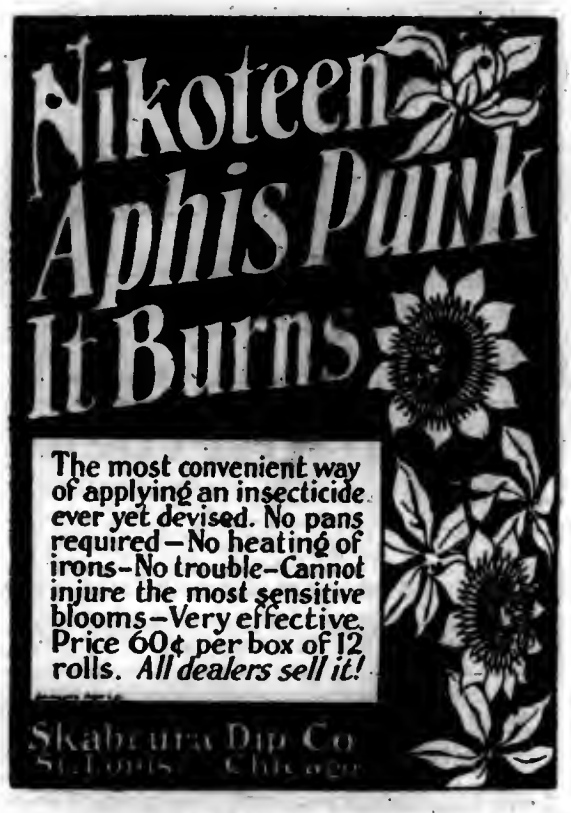
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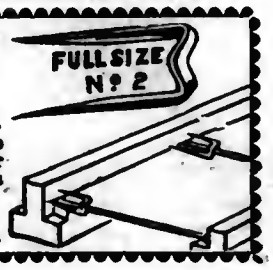
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See the Point

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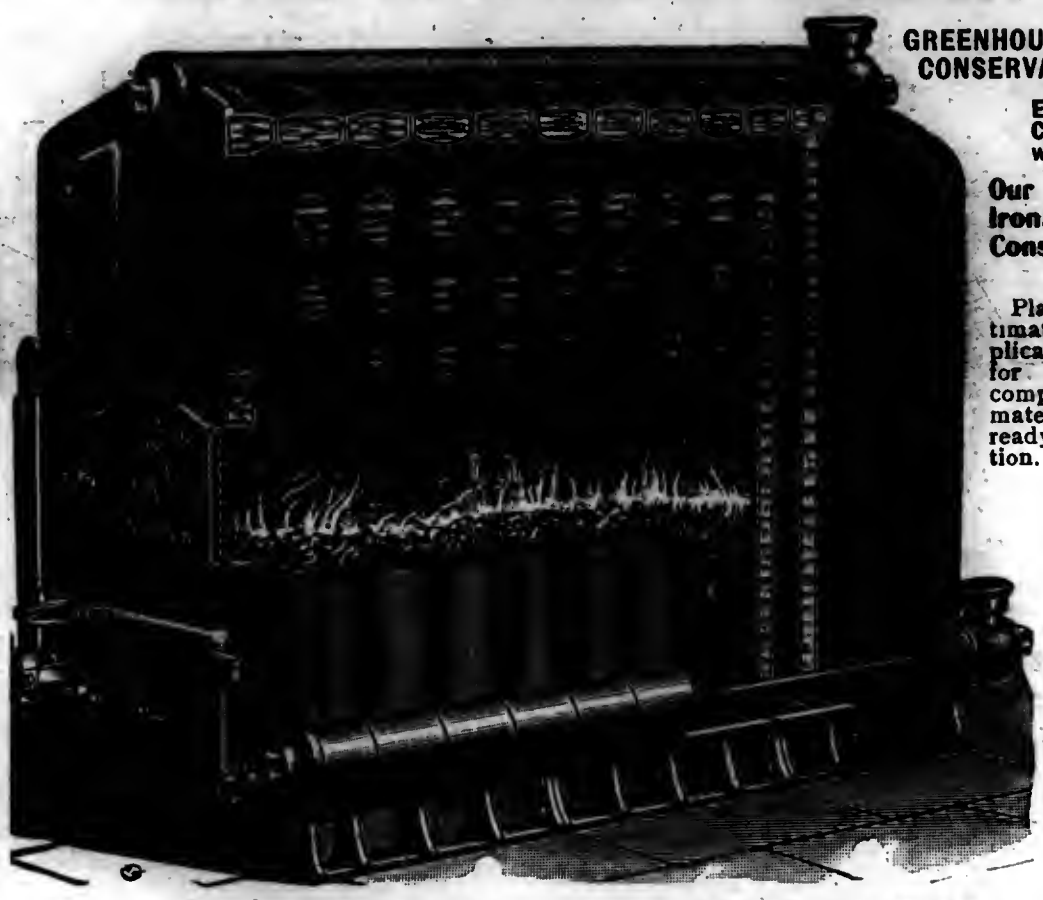
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For Large and Small Ranges. Highest Economy. Moderate Cost.

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46 and 48 Marion Street, New York City.

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Yours very truly, Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, SEPTEMBER 6, 1900. No. 145.



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ROSES, CARNATIONS

And all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs.



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A high-class, up-to date mixture that fills the bill "par excellence"—made up from leading colors, producing flowers of the most perfect type. It gives you pansies that sell.

Trade pkt., 25c; ⅛ oz., $1; ½ oz., $4; per oz , $7.
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Full assortment of separate colors ready now New crop of high-grade Flower Seeds constantly arriving.

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Also **Cycas Revoluta Stems** in assorted sizes, 8 lbs. to 12 lbs., at $8.00 per 100 lbs., while unsold.

J. M. THORBURN & CO.
(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

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Plants only, and ready from Oct. 1st to Jan. 1st.

Free by mail — **75c** per 100; 250 for **$1.50**; 500 for **$2.50.** By express at your expense, **$4.00** per 1000.

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Pansies Worth Raising.

SEED AS USUAL.

3-16 oz. $1.00; 1 oz. $4.00.

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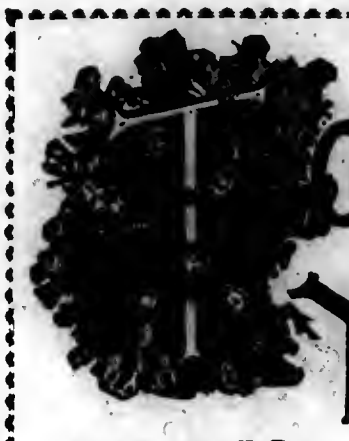
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JOSEPH HEACOCK,

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Grower of.....**Areca Lutescens.**
Kentia Belmoreana.
Kentia Forsteriana.

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Select Stock in **Special Summer Roses, Orchids, Valley, Gardenias, etc.**

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FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries, - SHORT HILLS, N. J.

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SOUTHERN WILD SMILAX.

NEW CROP NOW READY.

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Also, J. B. DEAMUD, Chicago, Ill.
L. J. KRESHOVER, New York, N. Y.
M. RICE & CO., Philadelphia, Pa.
THE VAIL SEED CO., Indianapolis, Ind.

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H. BAYERSDORFER & CO.

CYCAS WREATHS, MOSS WREATHS, FERNERIES and JARDINIERES, WHEAT SHEAVES and IMMORTELLES.

New Catalogue of FLORISTS' SUPPLIES on application. For the trade only.

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IMPORTANT.

Before ordering any goods anywhere send in **your list of wants** for lowest **GUARANTEED** prices.

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Giant Market, $5.00 per 1000; Giant Fancy, $10.00 per 1000. Also Seed of the above strain at $1.00, trade packages.

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Wholesale Florists,

119-121 West 23d St., New York.

SHIPPING ON COMMISSION.

Telephone 733 18th St.

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REED & KELLER,

122 W. 25th St., NEW YORK CITY

Manufacturers of

WIRE DESIGNS

Importers and Dealers in **Florists' Supplies.**

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Laurel Festooning 4c to 6c per yard. Best of goods always on hand.

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I Pay Express or Postage on my

Bronze Galax Leaves

IMMEDIATE DELIVERY anywhere in U. S. for

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LILLIAN ALLEN DEXTER, Washington, D. C.

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Florists' Review

When Writing Advertisers

THE RETAIL FLORIST.....

The Coming Season.

The retail florist business in general throughout the country has been suffering from the usual summer relapse, and the market is at present glutted with quantities of inferior grades of a few varieties of roses. There are many who in the dire contemplation of the present state of affairs forget or fail to see that better days are coming, and that the dullness at present is an annual recurrency. The harvesting season is becoming shorter and shorter and the crops sown to ripen in that season will pay best.

Cheap Roses.

Last week roses could be purchased in quantity at ten cents per hundred; such prices were never known before and the indications are that the screws will be put on at every chance, especially for first-class stock. Of course there will be opportunities to retaliate, and a deliberate injustice on the market deserves remembering.

We scoured the markets today to see what was good, or if there was anything new, and saw but little worth commending. Hundreds of boxes of Maids and Brides, some Meteors, a few Beauties, and odd clusters of Carnots, Cusins, and Golden Gates. This stock may look very pretty whilst growing, but it has a washed out, woe-begone appearance when shipped to the city, and very little of it is fit to sell as cut flowers, and a great deal of it must be used in design work to make it look creditable.

With flowers so cheap and plentiful as they are at present there is no excuse for poorly made or cheap looking designs, and whenever possible a good measure should be given, for a generous hand does not necessarily empty your pocket, and when flowers are very cheap is the proper time for you to fish for new trade or cement the old. We don't believe in the indiscriminate giving away of flowers, but we despise the mercenary trait that seeks a commercial return for every flower.

Throwing Flowers Away.

There were many thousands of roses and other flowers thrown away in New York last week, nearly 100,000 were sold at from 10 to 25 cents per hundred; very little good did they do the growers or their agents. In the city hospitals and down in the impoverished slums of the city were thousands of wretched human beings whom these flowers would have immensely benefitted. It is neither wisdom nor charity that compels a wholesaler to throw away flowers he is unable to sell, and it reflects little credit on a profession which permits it. During the very dull season the growers could well afford to make a shipment of their poorest grade stock once a week for distribution among the sick poor. The growers get nothing for this stock as it is, and a generous act like this would help the market in many ways. It would also be cheaper for the wholesaler to pay the expressage on such goods than to send returns which he does not get in order to keep the grower in good humor.

The Greeks.

The "Greek question" promises to be an all-important one to the future of the American cut flower trade, and the sooner it is considered the better. There is but one way to deal with it and that is known to every thinking retailer. Arguments from grower or agent should not be considered in a matter like this. Stand together for self-protection.

The Convention.

The great convention is a matter of history and the memory of the handshaking and general hurrah will live for some time. Everybody seemed to enjoy the affair. The store keeper probably saw little worth remembering. The decoration committee with the assistance of wire workers, and an abundance of greens succeeded admirably in covering the ceiling and walls of the convention hall. We saw nothing in it that was new. We have been told by several of the committee that any adverse criticism would be severely dealt with. Poor fellows, we don't think it worth while; they did the best they knew how and we praise them for it. At the same time we wish to say nothing but the right can influence our pen.

We claim that there are higher ideals than those at present recognized and that every florist is not an artist, and that everything turned out of florist stores is not beautiful because it contains flowers. A man's years do not always guarantee his ability; criticisms are distasteful to the weak.

Kifts' lecture was very good in its way, and the executive committee of the S. A. F. deserves consideration for its every ten years' recognition of the retailers. Nine-tenths of the sessions are devoted to "how to produce," the remainder is given over to "how to dispose."

There was nothing specially new in the baskets and general supplies shown. Bobbink & Atkins displayed some very beautiful vases, such as we would like to see in every first-class store. Reed & Keller showed some well made wire designs, among them being some serviceable novelties—a standing folding wreath good for shipping, that is if the parties receiving it would know how to fix it, and a "shower bell." Reed & Keller have always something new to show and a visit to their ware rooms is always productive of good. In baskets we saw little at the convention that was beyond the average. (We will see what there is new in this line for another paper).

Those interested in geranium growing can do well by consulting C. W. Ward. In his exhibit were very many beautiful new varieties that deserve full recognition. Dreer's aquatics were very grand. Some of them were superbly so and would look well in any store window or in a table decoration. Kifts' flower holders are fine for orchid displays. Long's tags and order pads are good but could be better; less printed matter on the pads, and subdue the colors on the tags. Mr. Howard's petunias were very pretty and should be a "go." The general run of plants was excellent, and it is to be hoped those of you who bought by sample will be fairly treated.

Flowers in Season.

There is not much to write of regarding the best or latest in design work. Gardenias continue to be the leading flower for evening wear. The Kaiserin is by far the best white rose coming in. A large loose bunch of them with Wichuralana sprays is as choice a bunch as you can make for funerals. Liberty roses will not be much until the cold weather sets in. Don't be too critical over this rose because you have heard so much about it; give it a fair trial; you'll be glad of it before Christmas. Beauties are improving and from now on there will be a fair supply of them.

Asters have been plentiful, but the quality has been ordinary; the finer, long-stemmed ones bring a good price. A dirty brown chrysanthemum made its appearance during convention week; it is no good as a decorative flower. Mums have little show whilst the herbaceous garden teems with golden beauties, and they who rush them in so soon accomplish something from a cultural standpoint, but little in the market wants. Outdoor carnations are plentiful and bring a good price. It looks as if we will have the same glut in carnations that we have in roses, and very little variety will be obtainable.

We recently used large clusters of altheas to good effect; many of the double white and pink varieties are very pretty; cut the stems long and

fill the vases full. Clematis paniculata is pre-eminently the finest material for decorating at present; cut the sprays good and long and hang them up independent of other greens. If you are a grower don't forget to plant some of this beautiful vine for next year, and if you are a store keeper you can get it from any large nursery; it is the finest thing out at present for decorative work. Cannas will furnish you with elegant material for table or mantel work; use graceful greens with them, their own foliage is too rough.

A Late Season.

The season will be very late this year, the best people will not return from their country homes till after the bluster of election is over, and although a few choice plants is at this time in order for your store, don't be in a hurry to stock up. It will pay those having a greenhouse to look out for the many bargains usually obtainable in the early fall, but it's bad policy for a store keeper to plunge when he has but his store to keep them in. Get a nice little stock in by the middle of September or first of October; people like to see them even though they may not buy till November.

See that your store and stock is thoroughly clean, and make some change that will look as if you were prospering; people get tired looking at the same old thing and like to think they are dealing with a live man or woman.

We were glad to meet so very many lately who read our notes and would ask them to send us illustrations and items of their own works.

IVERA.

FLORAL ARRANGEMENTS.

No doubt it is all right to deprecate the use of set designs as being in bad taste, but all the same the wise retailer will get all the orders he can for work of this character, as it enables him to work off short stemmed stock that would otherwise be a total loss. There is still a place for the design.

The real floral artist is the man who can take the meager material available (which is sometimes very scanty) and make a design that will please the customer. I once made a horseshoe of Dutch hyacinth bells that was much praised. It was the only material I had to work with, other orders having cleaned us out of everything else.

One time when our supply of carnations was exhausted and an order for a four-foot broken column was given us, I made it of solid smilax with a simple garland of white roses and adiantum and the customer was immensely pleased with it.

These incidents convinced me that I was daily passing over great opportunities to do effective work at a small outlay and to vary decidedly from the stereotyped if I could only get my ideas to working rightly. It seems to sharpen our wits to be placed in an awkward position for material.

H. M. L.

AMERICAN BEAUTIES THE SECOND YEAR.

After taking the plants out of the benches tie the branches together half way up, cut the roots back somewhat and heel in the plants in sand or very sandy soil, in an upright position, in rows two feet apart. Give them one good watering, and no more should there be rain in the meantime. Leave them out of doors at least four to six weeks. By this time they will be in a dormant condition, and your houses will be prepared for planting.

Fill the benches with good, rich soil. A 5-inch deep bench is preferable as the old Beauties have a long root neck and the 4-inch deep bench does not give sufficient soil to cover properly. Don't be alarmed if the leaves all drop off. If this happens and the bark on the stem begins to shrivel give them another watering. When the benches are ready put some light shade on the glass of the houses you intend to plant.

Lift the heeled in Beauties carefully from the sand and you will be surprised to see how many new roots they have made. Cut the plants back ten to twelve inches. Have alongside of you a tub filled half way up with clay and to the top with water. Stir this up till it makes a mud-like mass. Dip the roots of every cut back plant into this to prevent the new roots from drying up, and when you have from 25 to 50 so treated, let them have from 5 to 10 minutes' exposure to the air, so as to form a crust of the clay on the young roots. Now take them in the houses and plant them no deeper than they stood in the old benches.

When a bench is planted water it thoroughly, but be very careful as to subsequent watering. I would give them no more water until a week after the first one, but twice a day give a damping over and a good syringing in and about the walks to keep a moist atmosphere. After the first week give them very little water until you see the eyes swell. Maintain this care in watering for two or three weeks; the roots will then have taken a good hold of the soil and will drive out the eyes very quickly. After a month has passed give the plants a good watering once a week and on other days a very little. At the end of the second month there will be a good growth on the Beauties and you may give them more water.

Cut off all the flower buds, as the first crop is of no value, being very short stemmed. Toward the middle of September be very careful in watering and keep your benches more on the dry side, so as to give the foliage a dark green color; the outside temperature is cooler, but it is still too warm to fire.

Ventilation and tying up is about the same as with young Beauty plants, but where five rows are planted I prefer six rows of stakes so each plant will have a stake on both sides. A better way of tying up old Beauties is to put string around the two stakes so the young shoots are all in the center and not in one bunch, thus permitting a freer circulation of air.

When regular night firing begins, start to water the whole bench; between the rows, too, and thoroughly, but not every day; one thorough watering in two weeks is ample. Before syringing watch out for a bright day and full sun, and by no means syringe on a partly cloudy day, for without the sun the plants will not dry off before night. Use cold water for syringing; it kills red spider, which warmed water will not do. It is not always the force of the water that kills red spider, it is the cold water that does the business.

If a temperature of 56 to 58 degrees is given American Beauties in the winter months no black spot will appear if the watering is properly done.

As to time of replanting, this may vary. If you plant the old Beauties by the middle of June there will be a full crop by the middle of September with stems from 18 to 32 inches long. The third crop will be ready about December and it will be much larger than from young plants. Of course there are always a good many to cut. It is my belief that old plants pay better than young plants.

PAUL KOPANKA,
Rose grower for Peter Reinberg, Chicago.

CARNATIONS IN ENGLAND.

While in England I visited many establishments and while many of the gardeners claimed to have the same class of carnations that we have in America I am sure they have not. The varieties they have are small, with a slender, grassy habit and blooms two inches in diameter.

I saw what they think to be the same as ours in the Malmaison type of bloom at the exhibition of the Horticultural Society at Tunbridge Wells, Kent. The blooms were 3½ inches in diameter, but very coarse and ragged, the shabbiest blooms I ever saw, and exhibited with two-inch stems. But the surprising part was that they were the most admired flowers in the show; the ladies went wild over them. At another show a Mr. Charlton exhibited a collection of 50 named carnations, with stems two inches long, and the largest bloom was not over 2½ inches in diameter and very inferior to our American carnations of today. I brought back plants of some of what they call their winter bloomers, as there are some colors that may be useful in hybridizing, especially a pure yellow, but I have little faith in any satisfactory result from the experiment. I met Mr. James Hartshorne, of Joliet, Ill., who felt as I did, that the American carnation belongs in a

different class from the carnations grown in England.

An American florist with 10,000 feet of glass in England, planted with American carnations grown as we grow them here, would cause a sensation there, especially if he would stage his flowers as we do here.

A. MITTING.

A NEW ASTER.

We present herewith an engraving from a photograph of pink, white and lavender flowers of Carlson's Improved Paeony Flowered Aster, which seems to be a very desirable addition to the varieties of this useful flower. Mr. Carlson gives the history of this aster as follows:

"In 1895 I bought a paper of mixed aster seed from which I obtained only three plants of any value, but these were remarkably fine. They were of three beautiful colors—white, pink and lavender, the flowers were the largest I had ever grown, and the plants grew fully two feet in height, the flowers with well furnished stems fifteen to eighteen inches long. Since then the blooms have increased in size so that it is quite common to have them measure 2¼ inches in diameter."

We understand that Mr. D. S. Heffron, Washington Heights, Ill., controls the entire crop of this aster. Blooms shown us by him were very fine, and were fully up to the size indicated.

STARTING AS A GROWER.

The writer, wishing to start in the floral business as a wholesale grower, wishes you to give some suggestions, etc., that would prove of some use.

I have had one year's experience in a retail flower store of this city, but I think there is a better future in raising flowers for the market. And not having capital enough to erect greenhouses kindly give advice as to how to start in that line. Have had no experience as a grower, but thought I would get a start by raising outdoor flowers such as Russian violets, paeonies, peas, asters, etc. I also counted on the help of an experienced grower whom I may hire by the month.

A. G.

The easiest and probably the best answer we could give the above inquirer would be, "Don't attempt it," but it is bad to check even premature ambition. With only one year's experience in a florist's store and a limited capital it is hard to see how you can succeed; let's argue the case.

First, to start as a grower it would be necessary to take a lease on an establishment or purchase grounds; second, the desired stock would necessitate an outlay of considerable money; and third, the first year would demand sacrifices very few are willing to make.

There is too much poor stock coming into the cut flower markets today, and the growers of it know to their sorrow what it is to depend on that class of goods. To succeed one must specialize on desirable material, and in order to do this brains and capital are necessary.

It is quite true that many of the successful florists of today started on very little, but they had experience as growers, and there were opportunities then which do not exist today.

If a person could get a long lease, or



Improved Paeony-Flowered Aster.

better still, purchase a few acres of land near a town or city and could erect, even by his own hands, a small greenhouse, the chances are that with lots of will power and a watchful eye he may succeed; but as in your case where you depend entirely on possible crops of outdoor flowers, which whilst in season are the drugs of the market, all the chances of success are against you.

Our advice to you is to save whatever few dollars you may have, go to work for some good grower, study the growing business thoroughly and the market, and in a year or two if you still desire to start for yourself as a grower, you will find that experience in many ways is more valuable than money. If your ambition to start a business is too red hot, start in some other line, but don't attempt growing flowers without experience.

IVERA.

COLOR.

However much our eyes may be delighted by the infinite variety of tints displayed by our favorite flowers and the subtle grades of verdancy exhibited in their foliage, we rarely give a thought to the underlying wonder itself of color-production that is the breaking-up of the component light of the sunbeam, which we see as white light, into all the innumerable tints in question. The familiar example of the rainbow teaches us that all these tints exist in the white sunray, and the scientists will tell us that every tint has its own special wavelength or light undulations, so that when it passes through a raindrop or a prism it is differently affected to its fellow tints, the end results being that the crowd of all sorts is marshalled into an orderly regiment known as the spectrum.

A very little study will enable us to grasp the phenomenon of color so far, but when we take some of our lovely flowers in which one and the same petal may display several colors merging harmoniously the one into the other, and the same flower may be composed of scores of precisely similar ones, more or less sheathed perhaps in a tinted calyx and bearing in its bosom stamens and stigma and brightly colored pollen, it is by no means easy to grasp the subtlety of process which enables all these variously colored items to throw off to our eyes those light rays we call their colors and absorb all the rest, selecting and rejecting with the utmost nicety, so that in no case shall we detect a false color-note, the tint may be paler or darker, i. e., weaker or stronger, but that is all.

The flower is a modified leaf, and leaves are usually green, hence we are struck with the fact that in the course of ages, during the evolution of the flower, its original scheme of selection has been entirely altered and intense crimsons and scarlets are produced, wherein the green rays are entirely absorbed instead of being wholly reflected. The unbroken poppy-bud of olive-green bursts open and displays its very antithesis of color in the petals. How do those wonderful little cells perform these marvels? If we could view them with unlimited powers of vision we should find the flower surfaces in the sunshine subjected to a constant storm of light-waves beating millions of times per second, and, as we have said, of different sizes and velocities, shorter waves beating oftener upon the shores of the flower-petals than the longer ones.

We have two flowers of same species, but different color, side by side, and now as we watch them with our mind's eye we see in one flower that all waves up to and beyond a certain length slip through and into its substance and are mainly lost, while all

of a certain definite size are unerringly splashed back as it were, and striking upon our eyes give us the particular color impression of the blossom. On the neighboring flower, quite a different set are splashed back or reflected, or, more wonderful still, where petals grade from one tint to another, we find the sifting of the light-waves to be gradually altered as we pass from point to point. Take, for instance, a brilliantly-spotted or mottled orchid, and consider what a marvellously complex operation must be going on within and without it before we can obtain the usual impression which we obtain of its varied beauty.

Finally, what must we think of the eye itself which can catch up these rejected splashes of light and enable us to form a perfect picture in our brains, and, if we are artists, to mix some pigments so deftly together that they shall be almost as clever as the flowers themselves in the analysis and selection of the fitting tints by which they are distinguished.—Gardeners' Magazine.

NEW YORK.

The Convention.

All the delegates to the recent convention have returned home safely and the pleasant memories remain. Judging from the echoes all over the land everybody enjoyed themselves; we can assure all that the New Yorkers did. The work done was paid for by the pleasures experienced and the person who wishes to remember the "old affair" certainly ought to be "Lynched." Being a New Yorker we cannot say much about the convention; that is left for outsiders to deal with; but none will know and few appreciate the vast amount of work attached to an affair of this kind. However, determination can accomplish wonders, and there are but few here who begrudge either Buffalo or Chicago the job before them in the days to come.

We are pleased to be able to say that the only visit to the police was a friendly one made by a delegation from the west, and we hope they saw enough to last the rest of their lives. Our disconsolate Wisconsin friends need not miss it next time; 42nd St. is positively quiet now, but some of the "red paint" remains. A New York bartender and a Chicago indian can do wonders with Croton water, but all's well that ends well. There is scarcely a kick coming but our own; some person or persons took a liking to Scott's Manual and stole three copies; we hope the books will do good.

We were requested to "roast" a mean hound for pasting his ribbon advertisement all over the place; to mention his name would benefit such a man; "The only way" would be to punch him.

Various Items.

Most of the florists are returning from vacation. Plenty of poor stock coming in, but very, very little business doing.

The next meeting of the Florists' Club will be held on Monday evening, Sept. 10th.

The annual meeting of the Bowling Club will take place at Traendly & Schenck's store, Monday, Oct. 8th, at 4 p. m.; election of officers, selection of alleys and other important business will be brought before this meeting.

At a meeting of the committee on sports, held at the alleys last night, the matter of prizes rolled for by ladies attending the convention was finally settled. The Cleary vase goes to Miss Eastman, of Chicago, the Hews jardiniere to Mrs. Winterson, of the same city, and the order for photos to Mrs. Langjahr, of Brooklyn; the highest score rolled was 86, better practice for next year.

There are numerous trade auction sales being held in the vicinity of this city this fall. The one at Siebrecht & Son's, at New Rochelle last week was sparsely attended, but very good prices prevailed.

The 12th annual horticultural exhibition under the auspices of the Schwaebischer Saengerbund (how's that, Winterson?) is being held this week at Ridgewood Park, Brooklyn; we'll tell you of it afterwards.

The first three games at the alleys last night were:

Traendly	112	154	120
Schenck	162	117	131
Burns	127	99	148
Roehrs	143	136	149
Steffens	103	106	103

The boys aren't over the convention yet. J. I. D.

BALTIMORE.

Trade and Personal Notes.

There is not much change in the trade situation. We have some moderation of the tropical heat, and the population of the city is being gradually augmented by the return of the sojourners at the seashore and the summer resorts. The schools will soon reopen and the theaters are already purveying to the pleasure-seekers. All this points to some greater demand for flowers ere long.

The supply is not much in excess of requirements. There are some good asters in the market and a few roses and carnations. Out-of-door asters succumbed quickly to the aster bug, which came down not like a wolf on the fold but like ten packs. No remedy or preventive has this season been found effective. Let me not forget one treatment recommended by William Christie. He says the day the bugs make their appearance go away on a two or three days' excursion. When you return, the bugs will have disappeared and your asters too. So you reach about the same result as if you had stayed at home and fussed and bothered. Christie, by the way, is remodeling his houses. By his improvements he has made a rambling old place into a modern and convenient establishment.

The most showy and effective bedding around Baltimore this season, so far as your correspondent has seen, is that on the Mount Royal drive to Druid Hill Park. With no very rare materials bold effects have been produced which have struck the popular eye and elicited much praise. The designs are due to Mr. Wm. D. Hamilton, who has long had charge of this work. The beds are not much or often varied in shape, but the plants are changed about so as to produce every summer new and satisfactory results which show his skill and taste.

John Donn, an experienced gardener, has gone into a novel scheme. He has bought the materials on the old conservatories at Bolton, the former residence of a wealthy citizen, and is about erecting therewith what he designates as a plant sanatorium. This is a boarding place for house-plants whose owners leave town for longer or shorter periods (those betes noirs of the average retail florist) and a hospital for the treatment and restoration of subjects suffering from the ignorance and neglect which the collections of amateurs are liable to encounter. In conversation with a reporter of the Sun, who gave the enterprise a notable send-off, Mr Donn said:

"I have never seen a plant sanatorium and know of the existence of none, but I believe that it is as much needed as a sanatorium for human beings or for animals. Atmospheric and climatic conditions affect a plant as they do human beings, and it demands as constant and watchful care as a child to insure its growth to full and vigorous maturity.

"A stuffy room in which air space is lacking, a sick chamber, insufficient hydrogen, an oversupply of oxygen or nitrogen, an accumulation of dust, all have their injurious effect on house plants the same as they will have on children."

We do not appreciate the science and chemistry of this, but we believe if any one can bring a sick plant around it is Mr. Donn. RIX.

BOSTON.

And still the fight goes on—but little diminution of material and no increase in demand. The sweet pea men, indeed, did let up on their supply for two or three days, but it soon became evident they were only taking time to let down the bars to get into new fields and their products became as plentiful as ever.

Men who have not appeared at their stalls since late spring are showing up once more, ready to take part in any beneficial movement that may occur. Among them are L. H. Mann and John Fee, whose stalls have been in use all the time, but sickness has prevented their personal attendance.



Exhibition Group of Eremurus. Ground Covered by Primula Japonica.

P. J. Tuohy, the South Boston retailer, has sold the establishment to his brother, Martin E., who has managed it for the past two years. P. J. continues the greenhouses at Dedham. He will become a stallholder on Park street, where his honest methods of doing business cannot help bringing him his share of trade. Martin is taking a man's load upon his almost boyish shoulders, but two years' experience must have told him where he stands. The Review kindly extends both a hearty handshake and a good wish from their many friends among the growers and wholesalers.

Drop a tear and heave a sigh for the Philadelphia fakir who chanced to enter the market, invest two or three dollars in 1600 roses and went upon the wavy lanes of Beanville to "sell and get again." Behold, he had no license and the cops came down and devoured him. He brought his goods back and a day or two later they went the way of the waste-barrel.

B. T.

EREMURUS.

This is a genus of plants closely allied to the asphodels, but having the stamens cylindrical, not flattened, and with smooth seeds. They are natives of the Caucasus, Asia Minor, and some parts of the Himalayas. The roots are fasciculate, the leaves linear. How effective they are in the back rows of an herbaceous border may be judged from our supplementary illustration, which represents a group exhibited by Messrs. James Veitch & Sons of Chelsea at the Drill Hall in the course of the present summer. The groundwork from which the tall spikes of the eremurus sprang consisted of Primula japonica in full bloom. We should hardly have considered this a desirable association; nevertheless, it was very effective.

There are about twenty species, the best known in British gardens being E. robustus, with rose-colored flowers; E. himalaicus, E. Bungei, with yellow flowers; E. Elwesianus and E. spectabilis. They are easily cultivated as herbaceous perennials, and propagated by division.—Gardeners' Chronicle.

ST. LOUIS.

The Market.

Stock of all kinds is looking better and plenty of it is coming in to supply the demand, which has been very light the past week. Some of the downtown florists report that the business is looking up somewhat and transient trade has begun. The opening of the Exposition this month will help the trade as a great many plants are used each year for decorating.

In roses, Brides, Kaiserins, Meteors and Maids look better, but are short-stemmed, and sell from $2 to $4 per 100; the poorer ones are sold at $1. Beauties, too, are better and sell well, but choice blooms are scarce and out of the question in this market just now. Carnations are still in good supply, with the demand only fair and quality poor, and sell at 25 cents to $1 per 100.

Housing carnation plants is progressing favorably and the growers have plenty of work before them just now.

Large white and purple asters are in demand at $2 per 100, but the bulk of them go at 50 cents and $1. Tuberose stalks have been scarce, owing to the dry weather. Armstrong's single, sell at $4; others, $3.

Various Items.

W. J. Hesser of Plattsmouth, Neb., called on the trade the past week selling palms. Mr. Hesser reports fair trade.

Theodore C. Wendell, salesman for The Plant Seed Co., who has been missing since Saturday, August 25, committed suicide Saturday at the Manhattan Hotel. Financial trouble was the cause. Mr. Wendell was connected with The Plant Seed Co., as salesman and buyer, for the last twenty years and was well known throughout the country, especially among the seed merchants.

Mr. C. A. Kuehn has returned from the New York convention in a most enthusiastic frame of mind and loud in his praises of eastern hospitality. Mr. Kuehn had a most enjoyable trip and visited Washington, Philadelphia and Cincinnati on his return trip. Mr.

James Young and son returned with him. The others will not return until the latter part of this week.

Mr. A. G. Greiner, of 4220 Lee avenue, will make a large display of cacti at the Exposition this year. Mr. Greiner has 14,000 varieties to select from at his place.

Shaw's Garden was open to visitors yesterday (Sunday) for its annual autumnal inspection. The showers no doubt kept thousands away, still the crowd was large. Mr. James Gurney, as usual for the past thirty-five years, was out to greet the visitors, and everything looked in tip-top shape. The garden will not be open on Sunday again until June, 1901, but it is open to visitors every week day in the year. J. J. B.

CHICAGO.

The Market.

Trade continues to improve and is good for the season. Roses range in price from $2 to $4 per 100 and the best easily bring the top price, though there are not very many of first grade. Carnations are improving in quality and go at from 75 cents to $1 a hundred for good to extra, while poor grades are sold as low as 40 cents a hundred. Asters are in less supply and better demand. Good ones sell at from $1 to $1.50 per 100, and we hear of a few extra choice ones bringing as much as $2. Auratum lilies are selling very well at $1.50 a dozen. Smilax is not so plenty and sells at $10 to $12 a hundred. Hardy hydrangeas are in fair demand at $4 to $6 per 100. Gladiolus are about gone. A few light colored ones sell at 50 cents a dozen, but dark colored ones don't move at all. Tuberoses are moving better and go at $3 to $4 per 100 spikes. The supply of American Beauties is improving. Shorts sell at $4 to $6 per 100, medium at $8 to $12 and long at $15 to $18. There has been a glut of poor adiantum. Good stock sells at 50 cents to $1 a hundred.

Various Items.

The pilgrims returning from New York found the return trip much less pleasant than going. The thousands of G. A. R. people headed Chicagoward filled all trains and made it almost impossible to secure berths. Several have "tales of woe" to tell.

The Queen of Edgely bowling trophy is on display at McKellar & Winterson's and is attracting a good deal of attention. Mr. Winterson had to give his personal bond for the delivery of the cup at Buffalo next year and has something of a white elephant on his hands, as the club hasn't a home or a set of glass cases such as owned by the Philadelphia boys. But now we have something to display maybe we can get the glass case.

One thing the boys badly missed in their last game at New York was a little encouragement from their own people. Philadelphia and Buffalo had rooters galore, but during the last game not a Chicagoan, outside of the players, was present. No wonder the boys felt lonely and consequently somewhat discouraged.

A bunch of about 15 Chicago florists were spectators when Mr. Fitzsimmons extended the left hand to Mr. Sharkey.

G. H. Pieser is again at his desk at Kennicott Bros. Co., and W. P. Kyle has returned from Kalamazoo.

Recent visitors: F. Haupt, Louisville, Ky.; C. A. Birn, Nashville, Tenn.

E. H. Hunt is adding a new ice box or cool room 12x7½ feet, which will give him the additional storage capacity needed by his growing business.

Mr. and Mrs. O. P. Bassett have returned from Delavan Lake, and Mrs. Horton has returned from an enjoyable outing in Colorado.

F. F. Benthey received a few dozen Fitzwygram chrysanthemums recently. But they were only the size of large asters and sold at 75 cents a dozen.

Geo. Stollery looks as though his European trip had agreed with him.

F. W. Martin has started in business for himself at 280 to 290 Fortieth St., near Langley Ave.

H. Duderstadt and family, of 32 Oak Place, have returned from a five weeks' visit in Indianapolis.

Mr. B. Eschner, of M. Rice & Co., Philadelphia, is in town, and reports excellent business in the florists' supply line.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

Blue Hydrangea Hortensia Blooms:—Apply water in which alum is dissolved, at the rate of 1 ounce to the gallon of water. Once a fortnight is sufficiently often to do this. Iron-filings mixed with the soil in small quantity, and potting in peat naturally impregnated with iron, have a similar effect.

Mildew on Grapes:—Mix ½ oz. sulphide of potasium in 1 gallon of water, and syringe the vines at intervals of ten days. After the destruction of the mildew, let the bunches be washed with clear rain-water. Berries on which the mildew has rested will not swell, and must be cut out of the bunches. Water at a temperature of 145 degrees will also destroy mildew, and not injure the vines or fruit.

Lily-buds Deformed:—Sclerotinia sclerotiorum, a minute fungus, is the main cause of the lily disease, being aided by the presence of "green fly." Spray at once with a solution of potassium sulphide. The bulbs should be examined in the autumn, and all those having minute black bodies (sclerotia) about the size of a turnip-seed imbedded in the scales of the bulb should be destroyed, as the mycelium of the fungus is in the tissues of such, and will start the disease next season.

Paeony buds not Expanding:—The result doubtless of weakness, brought about by long-continued lack of moisture in the soil at a depth from the surface where the roots mostly are found. This prevents the absorption of plant food, even if it be present in the soil. Paeonies are great consumers of nutriment, and when grown in borders of mixed plants and shrubs, they are seldom afforded enough manure for their sustenance. Hence loss of buds, small flowers and foliage, and short duration of the period of flowering. Land for paeonies should be trenched 3 spits deep, and heavily manured at the start, as well as annually.

The Seeding of Begonia Gloire de Lorraine:—In the Gardeners' Chronicle, April 21, Mr. Coomber writes about Begonia Gloire de Lorraine being shy to seed. In the garden of Hornby Castle, Lancaster, there is a small plant with fourteen pods bearing seed, and the plant which bears them was in bloom most of the winter, and is now so full of bloom as to almost hide the foliage. A number of shoots suitable for making cuttings were taken from plants last September which have bloomed in thumbs, and I notice that some of these are likewise carrying seed-vessels. There can be no doubt that these plants were cuttings taken from the parent seeding-plant, and possibly from other plants which do bear seed. Cuttings from certain plants could be taken that would always furnish seed, providing the flowers are properly fertilized.

Asters Damping Off:—The asters are attacked by a fungus which enters them below or near the surface of the soil, and passes upwards, causing discoloration and softening of the plants. It is a form of damping off, though the fungus which causes it is not the one which brings about most cases of this trouble. Use the same precautions as for all damping off, namely as much ventilation as possible, and careful watering. If the soil were top-dressed with some fungicide like "Veltha," or sprinkled with finely-powdered iron sulphate mixed with a large quantity of ashes and some quicklime, the early stages of the fungus would be checked.

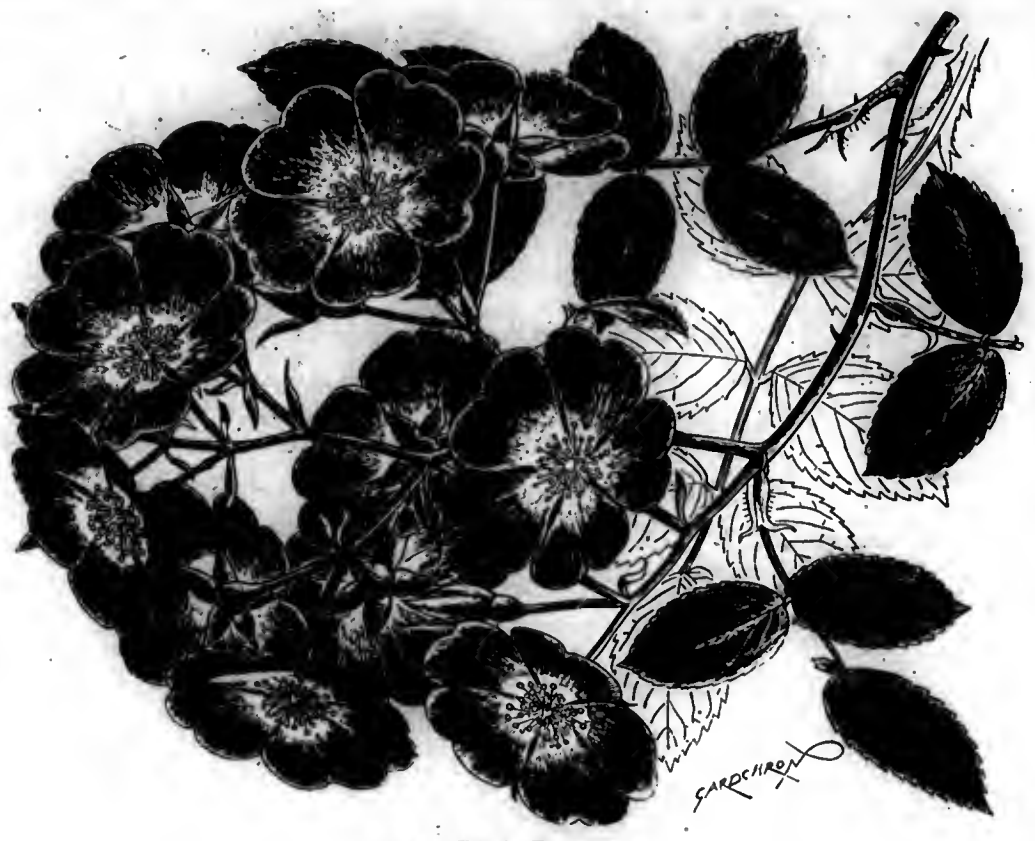
The Gardeners' Magazine.

Sparaxis:—You cannot do better than plant the bulbs in a well-drained border, placing them about six inches deep and from four to six inches apart. They can also be successfully grown in pots, and if you desire to cultivate a few this way we advise five bulbs to five-inch pots, putting the bulbs in when the pot is half full of soil. Use a fairly rich compost, drain the pots well, and over the drainage put a few flakes of dried cow manure. As regards plunging and watering treat as for other bulbous plants.

Roof Gardens on Churches:—The Rev. Dr. A. C. Dixon, pastor of a Baptist church at Pittsburg, proposes to build a new church at a cost of $200,000. The most interesting point in connection with this edifice is that it will have a roof garden with plants, electric lighting, elevators, movable seats, and a platform, the latter to be roofed over like a stage. We have often heard of and seen trees and plants growing accidentally on the tops of churches, but this is the first time we have heard of a church with a roof garden; evening services in summer would doubtless be well attended under such conditions.

The King and the Botanist:—An interesting anecdote illustrative of the geniality of the King of Sweden and Norway, is retailed in the Echo de Paris by M. Goston Bonnier, the botanist. M. Bonnier was botanizing near Stockholm, when he met a stranger similarly occupied. The two botanists fraternized, and M. Bonnier suggested that they should lunch together at an inn. "No, come home and lunch with me instead," said the stranger; and he led the way to the palace and opened the gate. M. Bonnier was naturally astonished; but his new acquaintance was most apologetic. "I'm sorry," he said, "but I happen to be the King of this country, and this is the only place I have in which to entertain anybody." So they went in and lunched, and talked botany together all the afternoon.

Penzance Sweetbriers:—Your opinion on the merits of the race of sweetbriers raised by the late Lord Penzance is a mistaken one. It is evident from your



Rose Pink Roamer.

letter that you have pruned them in exactly the same way as you prune the hybrid perpetuals and tea scented varieties, with the result that you cut away the growths by which the flowers are produced. The Penzance sweetbriers bear their flowers on the strong shoots of the previous season, and it, therefore, follows that when you cut these you remove the flowering shoots and in their removal you render impossible the production of any considerable number of flowers. The pruning should be deferred until March, and then all the old and weakly shoots should be cut away to leave the long rod-like shoots of the previous year plenty of room for the development of their lateral growths, the majority of which will bear flowers. When the thinning out has been done shorten the stout rods by the removal of twelve or fifteen inches of the unripened wood at the top. In due course the stout growths will produce flowers for the greater part of their length, and present a surprisingly beautiful effect. The Penzance briers should have a position where they can have space for their development.

Brodiaea (or Milla) uniflora is a beautiful and useful bulbous plant from Buenos Ayres. It can be gently forced to flower in February, or it may have cooler treatment and flower in April, but in either case there are no difficulties of cultivation, and the result will amply repay for the trouble taken. Half a dozen or so bulbs placed in a forty-eight sized pot will produce from twenty to thirty-six flowers, each pure white, slightly fragrant, and borne on a stem about eight inches high, which, without being stiff and erect, is sufficiently rigid to hold up the flower where it can be seen to best advantage. The foliage is neat, and quite covers the pot. A dozen specimens such as suggested have recently been a great attraction to the few folk who visit the Alpine house in the herbaceous garden at Kew. If such examples of this half-hardy bulb, with their charming flowers, were placed on the market we feel sure they would sell like the proverbial hot cakes.

Propagating Lapagerias:—These fine cool-house climbing plants can be readily propagated by layering, and this can be done at any season, though it is not advisable to do so while the plants are in very active growth. Peg a growth or two down into a bed of peat, sand, and broken charcoal, placing some clean sand on either side of the base of each leaf so as to keep the leaf upright, encouraging rooting from the node, and allow the growth that will eventually be made from the bud to grow away without obstruction. Cover the growth with a fine mixture of peat, sand, and charcoal, taking care to keep all the leaves pointing upwards, press firmly, dust over with sand, and wait results, only giving water as necessary. A sharp look-out must be kept for the young growths as snails and slugs find them very tasty; place a peg and twine for each growth to twine round, conducting this to the roof. It is not advisable to remove each growth by severing the stem on either side of it as it becomes large enough, but rather wait until sufficient stock has been raised for the purpose in view, and then lift the whole set in the spring, pot up, keep close (but not hot) for a while, and then cultivate as usual.

Daffodils for the Dinner Table:—Where simple as opposed to elaborate arrangements are in request for dinner-table decoration, and hardy flowers are preferred when these are procurable, there are few things more acceptable in spring than daffodils. If vases are used the arrangement is naturally easy, but filling large bowls tastefully is somewhat more difficult, and I venture to suggest the following as both natural and effective. Place some well-grown and healthy plants of Isolepsis gracilis in the bowls and fill in with soil, making the whole quite firm. Cut the daffodils in various lengths, and with them some foliage—say about three leaves to each bloom—and fasten these together in a natural manner by a couple of ties towards the base of the flower-stalk sufficiently low so that the ties are not seen. Make holes at intervals in the soil, between the isolepsis, about a couple of inches in depth, and press the stalks in firmly; if the arrangement is carefully done the blooms not over-crowded the result will be decidedly pleasing, and the green carpet of isolepsis shows off both flower and foliage of the daffodil to the best advantage. Flowers of the chalice-cupped section, as Barri conspicuous, Queen Sophia, or Cynosure, are best for the purpose, but if only trumpets are available something of the Johnstone's Queen of Spain type will do well; Emperor and others of similar size are rather too heavy.—E. Burrell, Claremont.

ROSE PINK ROAMER.

This beautiful single-flowered rose was exhibited by Messrs. W. Paul & Son of Waltham Cross, Herts, at the Royal Horticultural Society's meeting at the Drill Hall, Buckingham Gate, on June 5 last. The variety is a cross between Rosa Wichuraiana and another unknown variety or species. It is a rambling rose, making shoots of great length, and flowering with much freedom. The flowers measure from 2 to 3 inches in diameter, and are of a rich rose tint, and have a white center. It received an award of merit when shown at the meeting.—Gardeners' Chronicle.

MORRIS, ILL.—Mr. A. Mitting has returned from his European trip.

JOSEPH HEACOCK, WYNCOTE, PA.

Offers the following

Home-Grown PALMS.

FREE FROM INSECTS AND DISEASE OF ANY KIND.

They cannot fail to give satisfaction. Should be seen to be appreciated.
A trial order is solicited.

ARECA LUTESCENS.

3 plants	6-inch pot	24-inch	$12.00 per doz.	$100.00 per 100
3 "	8 "	30 "	30.00 "	
3 "	8 "	36 "	36.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$4.50 per doz.	$35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
6 "	6 to 7 "	26 "	18.00 "	150.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each.	
8 "	7 to 8 "	36 inches high	4.00 "	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.	$35.00 per 100
8 "	6 "	36 to 40 inches high	3.00 each;	36.00 per doz.
8 "	6 "	48 to 50 "	4.00 "	48.00 "

All Measurements are from Top of Pot.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

CARBON IN THE AIR.

In Knowledge, Mr. H. H. W. Pearson, M.A,. continues his fascinating study of the domestic larder of plants. "It was found during 1898 that in the air of the Royal Gardens, Kew, at a height of 4 feet 6 inches from the ground there were 2.7 to 3 parts of carbon dioxide in 10,000 parts of air. Thus, although the stock of carbon in the atmosphere, taken in the aggregate is immeasurably large, it is in an extremely diluted condition, and we cannot easily form any idea of the vast amount of air which must be drained of its carbon in order to supply the needs of the world's green vegetation. It has been calculated that in attaining its full size a single tree having a dry weight of 11,000 pounds has abstracted all the carbon from over fifteen million cubic yards of air. The carbon thus taken from the atmosphere is not, however, lost to it, but sooner or later finds its way back again in the form of carbon dioxide from the lungs of animals and from burning or decaying organic substances."

This is certainly conclusive evidence as to the necessity for frequent changes of air in the greenhouse, and shows why abundant ventilation insures sturdy growth and stout stems.

COLUMBUS, O.

E. L. Charles has had quite a success in blooming lilac twice in one season. One year ago this week Mr. Charles had a large bunch at the Ohio State Fair. A bush with five double bunches on can be seen in his yard at the present time.

Mr. J. B. Heiss of Dayton was a caller last week.

Mr. Ludwig has returned from the florists' convention.

Miss Charles has returned from a visit at Newark, O. C.

FLORISTS' SUPPLIES.

We have received a copy of the handsome new catalogue issued by M. Rice & Co., the importers and manufacturers of florists' supplies, 918 Filbert st., Philadelphia, Pa. The line of goods offered is very complete, and the illustrations are largely half-tone engravings from photographs, which being well printed on fine enamelled book paper, makes the catalogue unusually attractive. Any trade buyer of supplies can no doubt obtain a copy by addressing Messrs. Rice & Co., as above.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

HAIL.

Hailstorms were recently reported from the states of New York, Pennsylvania, Iowa, Illinois, Indiana and Ohio. The Hail Association will pay losses in five out of the six states in which the storms occurred.

"IF IN DOUBT," consult the Florists' Manual, by Wm. Scott. It covers the whole field of commercial floriculture and you can quickly find in it the experience of a practical man bearing upon the doubtful point.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

FOR RENT—On shares or cash, greenhouse plant in Iowa in full operation. For particulars address Iowa, care Florists' Review.

FOR SALE—Cheap; small, modern, up-to-date greenhouse plant and house close to New York City. W. F. Lynch, Davis St., West New Brighton, Staten Island, N. Y.

CHEAP FOR CASH—Retail floral store, with conservatory; rent reasonable. Address Florist, Buffalo Enquirer, Buffalo, N. Y.

FOR SALE—400 feet second-hand 4-inch pipe in good condition. H. J. Teufel, Box 205, Evanston, Ill.

SITUATION WANTED—By a first-class florist and gardener; twenty years' experience; married, no children; private place, park or cemetery preferred. M. J., care Florists' Review.

WANTED—Man for general greenhouse work; must be steady and not afraid of work; wages $25 per month with room and board to start, more if suited. Also night fireman wanted, steady. Address with particulars, Jos. M. Smely, Aurora, Ill.

WANTED—Man at once who can grow roses, carnations and general greenhouse work; must have five or more years' experience; sober, industrious; give reference. S. J. Long, Petoskey, Mich.

WANTED—Good quick propagator, one who can act as assistant to foreman of a large place. Address Q, care Florists' Review.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

FOR SALE—At a bargain on account of ill health, good florist business, everything nearly new; 8-room dwelling, barn, 5 greenhouses, 5000 feet glass, 2 boilers. Good plant, cut flower and nursery trade. Care of two cemeteries. Best shipping facilities. In a good business town. Address W. D. Chase & Son, New London, O.

FOR SALE—Some extra good second-hand 3-inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H. Salter, Rochester, N. Y.

WANTED.

I want to rent a place of from 4,000 to 6,000 square feet of glass, within 200 miles of Chicago. Address with full description, and terms for prompt cash rent,

COLEUS, care Florists' Review.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

WHAT THEY SAY.

"No bad bills since I commenced to use the Credit List."

"The collections were successfully adjusted at lower rates than what I have been accustomed to pay."

"The Credit Reports are valuable, for they are accurate and to the point."

National Florists' Board of Trade,

NOW IS THE TIME TO JOIN.

Write if Particulars are Desired.

271 Broadway, NEW YORK.

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ROSES!

Perle	Sunset
K. A. Victoria	Souv. de Wootton

Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides	Golden Gate
Bridesmaids	La France
Bon Silene	Maid of Honor
Duchess of Albany	Mermet

Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Liberty 12 plants for.....$7.20; 25 " " ..... 12.50; 50 " " ..... 15.00; 100 " " 28.00

Chrysanthemums.

Mrs. Barr, Silver Wedding, all fine varieties, strong plants, from 2¼-in. pots, $4.00 per 100.

Dorothy Devins	Black Hawk
Elvena	J. H. Woodford
H. W. Longfellow	Iora
H. L. Sunderbruch	Mrs. H. Weeks
Miss Helen Wright	Maude Adams
Pitcher & Manda	Belle of Castlewood
Pride	Helen Bloodgood
B. M. Giroud	Marguerite Graham
J. H. Troy	Minerva
Mrs. S. Humphreys	Riverside
Mme. P. Bergmann	T. B. Morse
	W. H. Lincoln

Strong plants, from 2¼-in. pots, $2.50 per 100; $20.00 per 1000, for our selection of above varieties.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

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Z. CHRISTMAS IS THE.... SWEET PEA FOR FORCING

Seed, $10 per lb., $1.50 per oz.

This grand variety is for inside culture only. The flowers first appear from September to November 20th, and flowers from then all winter until June. From middle bench, 6½x100 feet, I cut an average of 84 dozen per day; grows only 4½ ft. high and flowers on 15-inch stems; color similar to Blanche Ferry. They are easily grown and with each order I will send directions as to the way I grow them. I have raised them 8 years now and they do well every year. All seed is from selected plants raised inside, and I will guarantee them to flower all winter. Plant after your mums. Have only a small quantity of seed, so first come, first served. Send check or money order with your order.

ANT. C. ZVOLANEK,
Grand View, Somerset Co., N. J.
Formerly at West Hoboken, N. J.

Mention The Review when you write.

HOLLY. Finest Quality. Any Quantity.

Write for prices delivered at your door.

CALDWELL THE WOODSMAN CO., Inc.
Evergreen, Ala.

Mention The Review when you write.

SEPTEMBER 1, 1900.

Pandanus Veitchii....

Grown Cool and not Potted Deeply.

Size of pot.	Height above pot,	Price
6-inch.	18 inches.	$1.00 each; $12.00 doz.
7 "	22 to 24 "	1.50 " 18.00 "
8 "	28 to 30 "	2.00 " 24.00 "
9 "	32 to 36 "	3.00 "

A few White-Leaved Plants at half price.

Boston Fern.....

6-inch	pots	$ .75	each;	$9.00 doz.
8 "	pans	1.25	"	15.00 "
10 "	" very fine	2.50	"	30.00 "
12 "	"	4.00	"	48.00 "

Well Shaped and Bushy, three plants in each pot or pan.

JOHN WELSH YOUNG, Germantown, PHILADELPHIA, PA.

Upsal Station, Penna R. R.

Mention The Review when you write.

Giant Pansy Seed.

The very best mammoth varieties, no finer ever offered; all the seed plants critically selected.

SOW THE BEST. Packet, 3500 seeds, $1.00; half packet, 50c.

A packet of the grand new Dwarf Forget-Me-Not "Blue Beauty" added to every seed order. Strictly cash prices.

THE HOME OF PRIMROSES.

JOHN F. RUPP, Shiremanstown, Pa.

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Sago Palms.

Fine stock. **$3.00, $4.00** and **$5.00** per doz. Best stock in the market.

Latania Borbonica.

3-inch, good stock, strong character leaves, **$10.00** per 100.
4-inch, very fine, ready for 6-in. pots, **$20.00** per 100,
5-inch, full character leaves, **$5.00** per doz.
6-inch, fancy stock, **$9.00** per doz.; all clean and in the best of shape.

A few Fine..... Rubber Plants.

Single stems, 5 to 6 feet high, **$1.00** each; well foliaged down to the pots.

A few hundred Cyperus.

3-inch pots, very fine, **$4.00** per 100.

Cape Jessamine.

4-inch, pure white flowers in bloom all the year, **$1.50** per doz.; **$10.00** per 100.

Can ship by freight, well packed, as long as weather permits.

Satisfaction guaranteed. Cash please.

CRITCHELL'S,

CINCINNATI, O.

Mention The Review when you write.

ROSES.

Plants for sale at half price and less to make room.

Roses—Strictly A1 plants, 3-inch, at $3 00 per 100. Field-grown Crimson Ramblers, canes 3 and 4 ft. (fine), $10.00 per 100.

Smilax—Strong, 2 inch, $1.00 per 100.

Geraniums—10,000 Bruanti (dbl. scarlet) and S. A. Nutt, the two best selling geraniums of the age, and 10,000 other leading bedders; strong 2½ and 3-in., only $1.50 per 100. Bear in mind this is only the price of Rooted Cuttings, and you can't buy them for double that in a month.

Dbl. Fringed Petunias and Coleus—In superb collection. Ageratum (Princess Pauline) and White Lady, only 1c.

Fuchsias—Strong 4-in., $1.00 per doz; 2 and 2½-in., $1.50 per 100.

Calla Bulbs—Strong 8 and 10c. size for 5c.

Asparagus Sprengeri—strong, 2½-inch, ready for 4-inch, 5 cents.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in. pots, $4.00 per 100; $35.00 per 1000. Field grown M. Louise and Lady Campbell, $4.00 per 100; $35.00 per 1000.

Roses—Meteors, Perles, Maids and Brides, extra fine stock, 3-inch, $3.00 per 100; $25.00 per 1000.

A bargain on Carnations, such as White Cloud, Flora Hill, New York, etc. Let us figure on your order.

CRABB & HUNTER, Grand Rapids, Mich.

Always mention the Florists' Review when writing advertisers.

GRAND RAPIDS, MICH.

Trade has been very quiet the past month; except for occasional funeral orders, everything has been at a standstill. Most of the carnations are planted and a few flowers are being picked from new stock; the usual fault of short stems is a temporary evil. Sweet peas are about over. Asters are in good supply, although some whole crops have been completely ruined, others have been fortunate enough to have not only a full yield but fine flowers. There is a sufficiency of flowers to supply the light demand. We have been having all kinds of weather, from hurricanes and cloudbursts to the withering heat of the torrid zone. Carnations, asters and other stock planted on low ground have been ruined by water.

Recent visitors were: a representative of W. W. Barnard of Chicago, and Mr. Cook of the Kalamazoo Nursery & Floral Co., who are erecting a range of glass for nursery and cut flower purposes.

With the rest of the returned conventionites, I must admit having had a glorious time at the S. A. F. convention; the exhibition, the meetings, the trip to Glen Island are incidents graven on our memory, never to be effaced. Those who stayed at home, can never know what they missed. Glen Island is a corner of Fairyland; one of the most delightful spots in the country and the clams delicious. What impressed one at all times, was the ease and promptness with which every detail was conducted, no hitch anywhere, the machinery was thoroughly oiled and worked to perfection and too much praise cannot be given the New York florists for the success of the convention, particularly the exhibition. As predicted, Buffalo won out for 1901 and if they give us anything like what New York has given us by way of a convention, they will indeed cover themselves with glory.

G. F. CRABB.

ST. PAUL.

Cooler weather prevails now and trade has brightened up quite perceptibly. Funeral work still constitutes the bulk of sales, but there is a fair demand for loose flowers as well.

Mr. Robert Brown, of Youngstown, Ohio, has arrived here to take charge of L. L. May & Co.'s greenhouses. Mr. Souden has removed with his family to Minneapolis.

Callers for the week: S. F. Leonard, Chicago; H. D. Byers, with the Dayton Paper Novelty Co.; W. F. Ellisson, representing the Cook Pottery Co., Trenton, N. J.

M. Bartholomew has purchased the greenhouses formerly owned by F. G. Gould, Excelsior, and later run by Mr. Brackett.

X. Y. Z.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
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WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
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GERANIUMS.. BARGAIN.... TO MAKE ROOM
Only 2,000 left. Mme. Bruant, La Favorite, B. Poitevine, S A. Nutt, Marvel, Mrs. E. G. Hill, Heteranthe, Contraste, W. H. Bailey and others. All clean, strong and healthy stock. $2.00 per 100, $18.00 per 1000, or the entire lot for $30.00. All 2¼-in. pots.
W. E. HALL, CLYDE, OHIO.
Mention The Review when you write.

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Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses; Pleasant Hill, Mo.
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The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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Floral Fancies, Language of Flowers,
TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.
Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.
DAN'L B. LONG, Publisher, Buffalo, N. Y.
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
Valley	3.00 to 5.00
Sweet Peas	.10 to .25
Lilies	8.00 to 10.00
Adiantum	.50 to 1.00
Common Ferns	per 1000, $1.00
Smilax	per doz., $1.00 to 1.50
Asparagus "	5.00 to 6.00

Full line of Field Grown Carnation Plants to offer.

SEEDS AND BULBS.

Callas, select, 1¼ to 1½-in. diam., per 100	$5.00
" " 1½ to 1¾ " "	7.00
" " 2 to 2½ " "	9.00
Bermuda Freesias, ⅜-in. and up, per 1000	5.50
" " ½ " " "	6.50

Harrisii Lilies, Longiflorum, Roman Hyacinths, Paper Whites. **Prices on application.**

All Dutch Bulbs in Season.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Cholcest Mixture	.50
Gloxinia Hybridi, Cholcest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems, fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
Cape Flowers, white, per lb	.85
" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second " .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastica, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45 47, 49 Wabash Ave., CHICAGO, ILL.

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REX BEGONIAS

We are headquarters for Rex Begonias. Our collection is the most complete in the country. We have many distinct varieties.

You should not be without a collection of these elegant Rex.

Fine Stock from 2-in. pots, $4.00 per 100. 4-in., $1.00 per dozen.

G. R. GAUSE & CO.,

Earlham View Greenhouses, RICHMOND, IND.

Mention The Review when you write.

California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers, $20.00 per 1000.

F. LUDEMANN,

Pacific Nursery, SAN FRANCISCO, CAL.

Mention The Review when you write.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., ready for 4s, $4.00 per 100.

Primroses. Red, white and mixed, 2-in., $2.00 per 100.

....PANSY SEED....

New crop, prize mixture or separate, superb strain, Bugnot, Cassier, Odier and Trimardeau, $2.00 per oz.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

E. C. AMLING,

WHOLESALE CUT FLOWERS,

32-34-36 RANDOLPH STREET,

CHICAGO.

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FOR

PALMS

Write to **Walter Retzer & Co.**

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

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15,000 Extra Fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of **Asparagus Plumosus Nanus**, out of 2½-in. pots. A few thousands mix **Roses** on hand for planting. **WRITE FOR PRICES.**

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SPECIAL OFFER until OCT. 1st.

PHOENIX CARNARIENSIS.

Elegant stock. Fully characteristic. 4½-in. pots, **$25.00** per 100; 5½-in. pots, **$35.00** per 100.

This is surely a bargain.

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HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

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THE FLORISTS' MANUAL.

A Reference Book for Commercial Florists

MADISON, N J.—The fifth annual exhibition of the Morris County Gardeners' and Florists' Society will be held here Nov. 7 and 8. Copies of the schedule may be had by addressing Chas. H. Atkins, Sec'y, Madison, N. J.

HARTFORD, CONN.—The chrysanthemum and carnation exhibition of the Connecticut Horticultural Society will be held in this city Nov. 6 to 9 next. The regular fall exhibition will be held Sept. 12 to 13. Copies of the premium list may be had by addressing L. H. Mead, Sec'y, 10 Holcomb Street, this city.

ORCHARD PARK, N. Y.—M. L. Hampton has taken his brother into partnership and the business will be carried on by M. L. Hampton & Co.

DAVENPORT, IA.—Mr. Chas. Dannacher, who some time ago sold his business and greenhouse property to Mr. Otto Klingbeil, has permanently retired from the business. He has built a fine residence with all modern improvements and is enjoying the reward of his years of work. Mr. Klingbeil is doing an excellent business.

FORT WORTH, TEX.—Robert Drumm has made a preparation he calls antitoxin that he believes is destined to supersede spraying and fumigating to destroy insect pests. He has made extensive tests in his own nursery but before introducing the preparation desires to have it tried by horticulturists throughout the country and to this end will send a sample to any reliable party sending name and address and two stamps to cover postage.

NEW WHATCOM, WASH.—Geo. Gibbs is now harvesting his bulbs and finds the crop good and perfectly healthy. He has crocus bulbs that measure 6 inches around, tulips 7 inches, and Lilium candidum 20 inches. He believes Lilium longiflorum will also be a success here. He had Darwin tulips with five good blooms on one stem and 30 inches high.

THE National Florists' Board of Trade has sent out the August and September supplement to its credit and information list. It contains 883 changes on the names already in the list while 125 new names have been added, making a total of 3,062 names in the list.

RIVERSIDE, CAL.—A year ago a nursery company offered $100 in prizes to be awarded to those who had the best kept private grounds during the season, and named three citizens as judges. The prizes have now been awarded, and the result has been that the beautifying of home grounds has been greatly stimulated.

COLORADO SPRINGS, COLO.—The annnal flower show was very successful. both the display and attendance being unusually large.

WE have received from Wesley Greene, Sec'y, Davenport, Ia., a copy of the 34th annual report of the Iowa State Horticultural Society, containing over 500 pages of matter of live interest to Iowa horticulturists.

TARRYTOWN, N. Y.—The Tarrytown Horticultural Society held its monthly meeting Aug. 30. Mr. John Egan read an able paper on the cultivation of cannas which created considerable discussion. R. ANGUS.

DULUTH, MINN.—Smith & Seekins have built a new greenhouse on the site of their old one on East Third street. E. C. Lindsay has removed his greenhouse to Lester Park, near the bridge. J. H. Bowers is constructing a greenhouse 30x100 at West Duluth.

NEW BRITAIN, CONN.—Andrew Bromley will erect a new greenhouse on Belden street.

BETHEL, VT.—A. C. Dike has probably one of the most compiete herbariums in the state. He has a specimen of each and every plant, some 1,000 in number, growing in Vermont.

WORCESTER, MASS.—At the last exhibition of the horticultural society a very fine display of seedling gladioli was made by E. J. Taylor of Auburndale.

Cheap=To Close Out.

BOSTON FERNS, $3.00 per 100; $25.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, $3.50 per 100; $30.00 per 1000.
ASPARAGUS SPRENGERI, $2.50 per 100; $20.00 per 1000.
OTAHEITE ORANGES, from 3-inch pots, fine plants. $4.50 per 100; $40.00 per 1000.
The above are nice plants from 2½-inch pots.

THE GOOD & REESE CO., Springfield, O.

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CHINESE...PRIMROSES

50,000 Finest Large Flowering Fringed, per 100, $1.75; per 1000, $15.00
Obconica Grand. Fimbriata, Rosea (ready Sept. 20) and Forbesi, per 100, $2.00
ASPARAGUS { Sprengeri, $3.00 per 100. Plumosus, 4.00 " | **PANSY SEED** Large Flowering, per oz., $4.00.
CINERARIA, October 1, $2.00 per 100.

☞Cash Please. **JOSEPH H. CUNNINGHAM,** DELAWARE, OHIO.

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VIOLETS, ASP. PLUMOSUS and SPRENGERI.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Baby Primrose. 2¼-in	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " " (white)	2.00

	Per 100
Violets, Farquhar, 2¼-in., free from disease,	$2.50
" " 3-in., " "	3.50
Vinca, 2½-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings	1.25
" " "	$10.00 per 1000.

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

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EXTRA HEALTHY STOCK.

American Beauty, 3½ and 4-inch	per 100,	$5.00
" " 3-inch	"	3.00
Bride, 4-inch	"	5.00
Meteor, 3½-inch	"	3.50

BROWN & CANFIELD, SPRINGFIELD, ILL.

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

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RICHMOND, INDIANA.

CABBAGE PLANTS. H. Succession, Early and Late Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY PLANTS. Pink Plume, New Rose and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Extra strong plants, 25c per 100; $1.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Celery and Lettuce; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Clematis and Bulbs.

Clematis coccinea, $40 to $45; crispa, $30 to $35	per 1000	
Amaryllis formosa	15	"
Milla bifl	10	"
Bessera elegans	11	"
Zephyranthes sulphurea	6	"
Cooperia, two kinds	$2.50 to 4	"

Cacti seed, mix, per lb., $12. ORDER NOW.

WILLIAM TELL, - AUSTIN, TEXAS.

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The finest of all commercial Pink Carnations. So pronounced by all who have handled it. It is so different from all other pinks that it must be classed by itself. We offer strong field-grown plants, August 20th to September 1st delivery, at the following prices:
First size, $12 per 100; $100 per 1000; $2.50 per doz.
Second " 10 per 100; 75 per 1000; 2.00 per doz.
6 plants at dozen rate; 50 plants at 100 rate; 500 plants at 1000 rate.

Orders booked now. First come, first served. Orders also booked for Rooted Cuttings, delivery January 1st, $5.00 per 100; $40.00 per 1000.

H. WEBER & SONS, OAKLAND, Md.

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Asparagus Plumosus Nanus,

Fine young plants, $5.00 per 100.

BEGONIA REX, strong 3-inch pot plants in in good assortment, $6.00 per 100.

CYPERUS ALTERNIFOLIUS, 2½-in. pots, $3.00 per 100.

CYCLAMEN, Dry Bulbs, finest strain mixed, $6.00 per 100.

CAREX JAPONICA VARIEGATA, an excellent decorative grass. Extra strong plants from 2½-inch pots. $5.00 per 100.

NEPH. CORDIFOLIA, 2½-inch pots, $3.00 per 100.

SMILAX, field grown, strong clumps, $3.00 per 100; extra heavy, $5.00 per 100,

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FIELD GROWN PLANTS.

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LA FAYETTE, IND.

Send for Price List.

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8,000 new and standard var. Strong roots and healthy. Send 50c for sample and prices.

1,000 PRIMULAS.....

Strong, 2½-inch, $3.00 per 100. Named var.

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America, G. H. Crane, Gov. Griggs, Melba, Gen. Maceo, Gen. Gomez, Sandusky.
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Begonia... Gloire de Lorraine...

Fine strong 2¼-inch plants for August 15th to October 1st delivery.

$17.50 per 100; $175.00 per 1000.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, - QUEENS, N. Y.

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4 Acres Field-Grown Carnation Plants, 120,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE BUTTERCUP G. M. BRADT
$1.50 per doz.; $8.00 per 100.

CRIMSON SPORT ARMAZINDY JUBILEE ELDORADO DAYBREAK WHITE CLOUD MELBA MAUDE ADAMS TRIUMPH
$1.25 per doz.; $6.00 per 100.

McGOWAN L. L. LAMBORN SWEET BRIER METEOR FLORA HILL PORTIA MRS. FISHER ALBERTINI WM. SCOTT DOROTHY SWEET C. A. DANA
$1.00 per doz.; $5.00 per 100.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring or freedom of bloom by any other grown. Price 50c per 100; $4.00 per 1000.

J. L. DILLON, - - BLOOMSBURG, PA.

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STRONG FIELD-GROWN CARNATIONS.

Melba, G. H. Crane, Mrs. F. Joost, White Cloud, America, } **$5.00 per 100.**

	Per 100
5000 Mixed Geraniums, 2¼-in	$1 50
2000 Named " "	2.00
5000 Chinese Primroses, white, red, pink and blue, 2¼-in	2.00
2000 Mixed Begonias	1.50
1000 Red Vernon, 2¼-in	1.50
1000 Erfordi, 2¼-in	1.50
1000 Asparagus Sprengeri, 3-in	6.00
500 Nice Rex Begonias, 4-in	10.00
Calla Bulbs, 1½-in	7.00
Mixed Ferns (strong plants) 4-in	10.00
Pansy Seed, Giant and Fancy Mixed, $4.00 per oz.	

The Morris Floral Co., - Morris, Ill.

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EXTRA FINE, FIELD-GROWN Carnation Plants!

Let Us Figure on Your Wants.

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First, $15.00; Second, $10.00.

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Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

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P. Major and A. Nana, 2 in. pots, $1.50 per 100. Cash. C. A. Harris & Co, Delanson, N. Y.

ALYSSUM.

Giant Sweet Alyssum and Variegated Alyssum, 2 inch pots, $1.50 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

ARAUCARIAS.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Asparagus plumosus nanus, extra strong, from 3-in. pots; about ready for a 4-in. shift. $1.00 per doz.; $8.00 per 100; $70.00 per 1000. Orders amounting to $5.00 and over, f. o. b. New York City; these, from unknown correspondents, will be sent C. O. D. Seawanhaka Greenhouses, W. L. Swan, Proprietor, Lock Box 227, Oyster Bay, Nassau Co., N. Y.

Asparagus Plumosus Nanus. First-class, extra fine stock, for use at once. 2¼-in., strong plants, per 100, $3.50 and $4.00. 3 in., strong plants, per 100, $5.00 and $6.00. Terms cash.
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Asparagus Plumosus Nanus. Transplanted seedling plants, ready for 2½-inch pots at $3.00 per 100; $25.00 per 1000; 500 at thousand rates. Express prepaid. Cash with order.
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Asparagus plumosus, 2½-in., $5.00 a 100; $50.00 a 1000. Large and bushy, ready for 3-inch. John F. Horn, 20 North 6th Street, Allentown, Pa.

Asparagus plumosus, 2¼-in.; $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100, $20.00 per 1000. Nice plants from 2½-in. pots.
Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kans.

Asparagus plumosus nanus. Heavy 10 ft. strings 50c per string. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

Plumosus nanus, strong plants, 3-in. pots, $8.00 per 100. Cash with order. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

A. Sprengeri, 2-in. pots, $2.00 per 100. Cash with order. Mrs. E. Kuntz, 352 So. 1st St., Frankfort, Ind.

Plumosus, 2½-in., $5.00 per 100. Sprengeri, 2½-in., $4.00 per 100. The National Plant Co., Dayton, O.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. sprengeri and plumosus, 2½ in., $5.00 to $6.00 per 100; 3½ in., $12.00 per 100.
W. A. Bock, No. Cambridge, Mass.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
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A. plumosus nanus, fine young plants, $5.00 per 100. N. Smith & Son, Adrian, Mich.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros. Springfield, Ohio.

A. Sprengeri, strong 2½-in., 5c. South Side Floral Co., Springfield, Ill.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

1000 A. Sprengeri, 3-in., $6.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus all sizes.
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Aspidistra. The hardiest decorative plant. Fine, perfect stock, with from 3 to 20 large and well formed leaves. In 4 to 9-inch pots. $5.00 per 100 perfect leaves. This is a bargain, quality considered.
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Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea Indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonias. 2000 mixed, 1000 Red Vernon, 1000 Erfordi, 2¼-in., $1.50 per 100. 500 nice Rex, mixed, 4-in., $10.00 per 100. Morris Floral Co., Morris, Ill.

Begonia Gloire de Lorraine. Fine strong 2¼-in. plants for Aug. 15 to Oct. 1 delivery, $17.50 per 100; $175.00 per 1000.
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We are headquarters for Rex Begonias. Fine stock from 2-in. pots, $4.00 per 100; 4-in., $1.00 per doz.
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Begonia Rex (rooted cuttings), in 15 vars., mixed, $1.50 per 100; assorted, $2.00 per 100.
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Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
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Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

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Ardisia Crenulata, fine, strong plants from 2-inch pots, ready for a shift, $5.00 per 100. Cash, please. R. G. Hanford, Norwalk, Conn.

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Bougainvillea Glabra Sanderiana. A fine stock, cut back and bushy, in 4-inch pots, $2 00 per doz.; $15.00 per 100.
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Our Three-leg Brand of Lilium Harrisii and Longiflorum is freer from disease than any other stock grown in Bermuda. It is not the cheapest, but the best. After filling all advance orders, we have left a few boxes of each size, and this is our price:

	Per 100.	Per 1000.
5 to 7-in., 400 in box	$ 5.50	$ 50.00
7 to 9-in., 200 in box	11.00	100.00
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L. Harrisii, as usually sold, 5 to 7-in.	4.50	40.00
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Freesia Refracta alba, 1st size, $5.00 per 1000; extra size, $7.00 per 1000; monsters, $8.00 per 1000. All the above are ready for delivery.
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California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100 $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs.
F. Ludemann, Pacific Nursery, San Francisco, Cal.

Lilium Washingtonianum, native of Oregon, size 8 to 10, price to florists $10.00 per 100, F. O. B. Portland. Our man leaves about the first of next month for the mountains to dig these bulbs. Orders received not later than Sept. 5. Bulbs shipped Oct. 1.
Buell Lamberson, Seedsman, Portland, Ore.

Harrisii and Callas ready now. Write for prices. Bermuda, Freesias and Oxalis, Romans, Paper White and Holland bulbs soon to arrive. Let us give prices on your requirements. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Bulbs, per 1000: Amaryllis formos., $15.00; Milla bifl., $10.00; Bessera elegans, $11.00; Zephyranthes sulphurea, $6.00; Cooperia, two kinds, $2.50 to $4.00. Order now.
W. Tell, Austin, Tex.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

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Genevieve Lord is the finest of all commercial pink carnations. It is so different from all others that it must be classed by itself. Strong field-grown plants as follows: 1st size, $2.50 per doz., $12.00 per 100, $100.00 per 1000; 2nd size, $2.00 per doz., $10.00 per 100, $75.00 per 1000. 6 plants at dozen rate, 50 at 100 rate, 500 at 1000 rate. Orders booked for rooted cuttings, Jan. 1 delivery at $5.00 per 100; $40.00 per 1000. H. Weber & Sons, Oakland, Md.

20,000 extra fine field-grown carnations, Scott, Flora Hill, McGowan, Mrs. F. Joost, Mary Wood, New York, Bon Ton, Albertini, Thos. Cartledge, Argyle, Gold Nugget, Lily Dean, Leslie Paul, Iris Miller, Elsie Ferguson at $6.00 per 100; $50.00 per 1000. Melba, G. H. Crane, $8.00 per 100. The above are all good, strong plants.
Evenden Bros., Williamsport, Pa.

Extra fine field-grown stock. White Cloud, $6.00; Flora Hill, $5.00; Daybreak and Wm. Scott, $4.00 per 100. Also a limited supply of Marquise, G. H. Crane, Gen. Gomez, Mrs. Bradt, Gold Nugget, Victor and Triumph. These are excellent plants. Prices on application. W. A. Wettlin, Hornellsville, N. Y.

Our carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send them to all parts of the U. S. in perfect condition. For varieties and prices see large adv.
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Carnations (field-grown), strong, healthy plants—Daybreak, Wm Scott, McGowan, White Cloud—first size, $4.00 per 100; $35.00 per 1000; second size, $3 per 100; $25 per 1000. 250 plants at the 1000 rate. Stock guaranteed A No. 1. Paul Mader, East Stroudsburg, Pa.

25,000 Maud Adams, Wm. Scott, McGowan and Portia. In the best of health. This is not surplus stock. Plants will be sent just as they run in the field. I do not plant any carnations this season. Write for prices. Frank Niquet, Florist, Patchogue, L. I., N. Y.

Splendid stocky plants, clean and healthy. Hill, McGowan, White Daybreak, Snow Queen, Scott, Cerise Queen, Victor, Joost, Daybreak, Eldorado, Pingree, $3.50 to $5.00 per 100; $28.00 to $38.00 per 1000. I want 600 ft. of 1 and 1¼-in. pipe. W. H. Watson, Lapeer, Mich.

Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment. Ed. Kirchner, Winona, Minn.

8000 good, healthy carnation plants. G. H. Crane $7.00, White Cloud $6.00, Mrs. F. Joost $5.00, Daybreak, Mrs. Jas. Dean, Flora Hill $4.00, Pingree and Mary Wood $3.50 per 100. Cash. Carl Rauth, Springfield, Ill.

G. H. Crane, the finest of all the scarlets. We have 10,000 extra fine plants for immediate delivery at $8.00 per 100; $75.00 per 1000. Cash with order. S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

Extra carnation plants. Per 100: McGowan $4.00, Dana, New York, Lady Emma, Flora Hill, John Young $5.00; second sizes cheaper. Cash please. William Stuppe, Hollis, L. I., N. Y.

Surplus carnation plants. 300 Scotts, 50 Cerise Queens, 75 Kellers, 400 Daybreaks, 50 Silver Sprays, 200 McGowans, at 2½c each, or $20.00 for the lot.
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Fine field-grown chrysanthemums suitable for 5 to 9-in. pots. The varieties are: 400 Bonnaffon, 40 Pres. Smith, 100 Mrs. Robinson, 85 Mutual Friend, 150 Mrs. J. G. Whilldin, 60 Ivory, 75 Rose Owen, 60 Mrs. Peabody, 100 Autumn Glory, 50 Mrs. H. Weeks, 50 Golden Wedding, 50 G. Pitcher, 50 Western King and 50 Belle of Castlewood. Price, $12.50 to $25.00 per 100, according to size.
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A grand stock of Chinese Primula plants from selected large flowering strains, ready now. From 2½-in. pots, separate colors, semi-double flowers, $5.00 per 100; $40.00 per 1000. Separate colors, single flowers, $4.00 per 100; $35.00 per 1000. All colors mixed, $3.50 per 100; $30.00 per 1000. Cash or references.
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Baby primrose, 2 and 2¼-in., $2.50 per 100.
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Everblooming roses in 4-in. pots, healthy and well grown. Bride, Bridesmaid, Golden Gate, Kaiserin Augusta, La France, Meteor, Mme. Testout, Perle des Jardins, Papa Gontier, Safrana, Pres. Carnot, Muriel Graham, Souv. de Wootton. Write us for prices. Hoopes Bro. & Thomas, West Chester, Pa.

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The Gardeners' Chronicle recently published an engraving showing in full size some hail stones that fell at Abingdon in June. Many exceeded two inches in diameter. Evidently the British Isles are in the "Hail belt."

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I wish you success with the Review. It is the best trade paper we have got.
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It is a good paper.
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Our year of weekly visits was both pleasing and instructive. Keep it up and you cannot help but profit.
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G. L. GRANT, EDITOR AND MANAGER.

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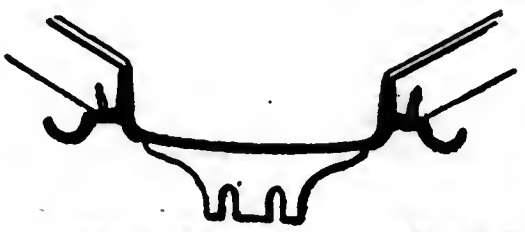
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PARKS.

The Chicago Times-Herald publishes some "municipal tax secrets revealed by the national census" that include some interesting figures relating to parks, and we print them herewith:

	Acres.	Annual Expense.	Per Capita Expense
Chicago	4,112	$1,791,659	$1.50
St. Louis	3,966	114,328	.19
Philadelphia	3,628	594,740	.46
Boston	2,308	181,300	.32
Kansas City	1,618	135,000	.82
Minneapolis	1,554	222,821	1.09
Indianapolis	1,253	87,610	.51
San Francisco	1,200	245,000	.71
Detroit	1,136	173,502	.60
Baltimore	1,125	240,000	.47
Louisville	1,079	67,590	.33
Buffalo	1,050	294,961	.83
Pittsburg	910	183,000	.57
Toledo	799	93,025	.71
St. Paul	684	60,000	.37
Omaha	682	45,646	.44
New Orleans	552	43,596	.15
Denver	571	51,783	.38
Milwaukee	494	75,985	.27

Just why such an important city as New York was omitted does not appear. Possibly the figures from that city were not yet obtainable. The tables were devoted mainly to cost of municipal government, police, fire protection, etc.

BRANDON, MANITOBA.—The Exhibition of the Brandon Horticultural Society Aug. 23 was very successful. There was a fine display of plants, flowers and floral arrangements. The exhibits were by amateurs.

DULUTH, MINN.—The annual flower show was held here Aug. 28. The exhibits were mainly by amateurs. John Richter, the florist, was one of the judges.

HANCOCK, MICH.—B. C. York is adding 2,000 feet of new glass to his establishment.

NEWARK, O.—The Daily Advocate of Aug. 11 prints an interesting description of the business of Geo. L. Miller, from which we learn that his establishment contains 14,000 square feet of glass and that his business is growing very rapidly.

CLEVELAND, O.—At a banquet given the Congressional Committee on Rivers and Harbors Aug. 9, the table was shaped like a yacht, having seats for the diners along its sides. From the center rose a smoke stack of smilax with a red band around it. At bow and stern were masts that rose to the ceiling from which streamed flags, and from one to the other was a string of small pennants. The deck was a mass of flowers.

MANSFIELD, O.—Geo. W. Hunt & Son have purchased a tract of land and expect to erect eight greenhouses 80 feet long.

CHARLEVOIX, MICH.—B. B. Blair, who purchased the business of F. J. Meech & Son about a year ago, reports a growing trade. He grows bedding plants and cut flowers, principally carnations, sweet peas and asters.

GREAT BARRINGTON MASS.—Jacob A. Raifstanger has had a run of hard luck. Last February high water put out his three fires and the contents of his houses were frozen. As a result he was forced into bankruptcy and is now out of the business.

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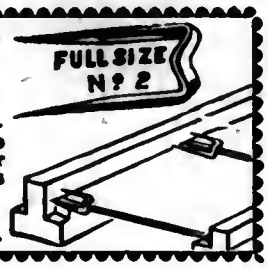
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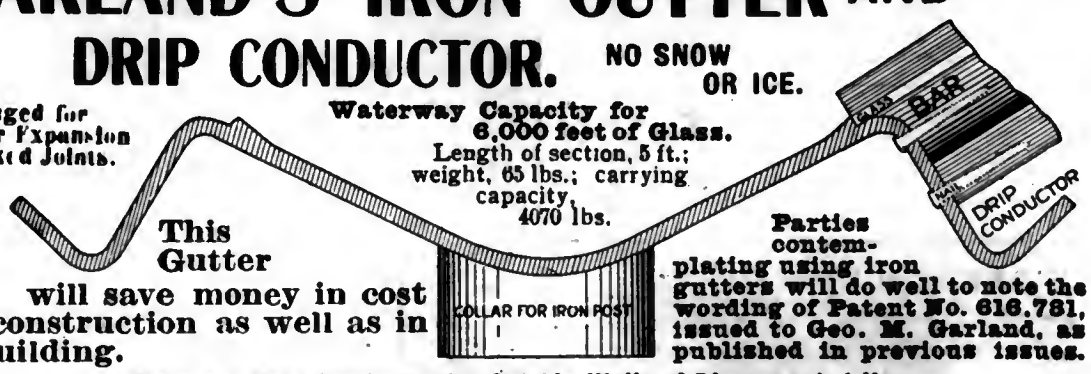
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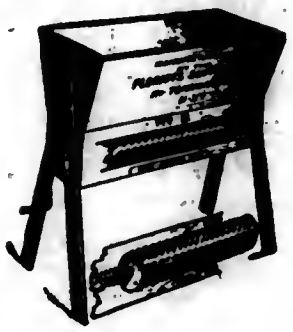
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Florists' Review
When Writing Advertisers

MISCELLANEOUS SEASONABLE HINTS.

Bulbs.

Please don't forget that your Romans and Paper White that are covered with a few inches of soil out of doors are entirely divorced from mother earth and get no moisture from below, and therefore must be soaked during a dry time at least once a week. We are not getting much rain, and I believe this is general.

Sweet Alyssum.

We find a great use for that simple little plant, the double sweet alyssum, and it must be raised from cuttings, so cut back a few plants now and give them a watering, then they will by middle of October give you some nice cuttings.

Verbenas.

The same can be said of verbenas if you still raise them from cuttings. Hard wood of verbenas is no good; you want the young, succulent growth. The early light frosts we get end of September does the verbenas no harm.

Begonias

Very few of the flowering begonias now want much shade. The right way is to take it off by degrees, which is easily done with a broom. Metallica and all that type are much better with the least shade.

We have made Gloire de Lorraine grow. It is growing now as freely as a pie plant in spring and I don't know how we did it. They are now in 5-inch pots. They have had a heavy shade all summer and the soil used was almost half genuine leaf mould, that is, pure decayed hardwood leaves. Shade seems very essential to this gem of a begonia, but we will gradually give it less. Cuttings of the young growth have made good plants and so have plants from the leaf cuttings, if they were allowed to remain long enough in the sand so that they started off with several shoots.

Callas.

The Bermuda lily has about knocked out the calla. If you still grow them they should be now well started in 5 or 6-inch pots in a cold-frame. Give them lots of water and leave them out as long as possible. You can always run them in when you feel danger of frost. I think I was once guilty of saying that planted on a bench was about the best plan. From later experience I would say don't do it. On the bench when the roots get crowded you do get immense flowers and lots of them, but in pots they can be moved round to suit your convenience. You get as many flowers and of a more useful size. Callas are often planted in too light a soil; use heavy loam with a third of cow manure.

Boston Ferns.

If you planted out a long bench of young Boston ferns in June and they are getting crowded you can lift and pot every alternate one. There seems no end to the usefulness of this beautiful plant, and you should not waste a runner. Little plants should be potted either for future planting or for ferneries. We have customers now who want their fern dishes filled entirely with Bostoniensis.

Gloxinias.

We are often asked by letter what to do with the gloxinias in the winter months. My posted friends will excuse me a moment, I know, if I briefly say, when the leaves are about gone lay the pot on its side under some warm, dry bench where no drip will touch them, and let them remain there till next February or March, but don't do this suddenly. As soon as the flowers are gone let them dry up gradually.

The next best thing to do, and perhaps the cheapest, is to dump them on the rubbish pile, as you will buy just as good bulbs and better for 5 cents apiece.

Crimson Ramblers.

Last year we were very successful in growing Crimson Ramblers in pots all summer, starting with a dormant plant on the 1st of April. They are not quite as good this year, but the principle is the same, and when they have made canes of 6 or 7 feet, three or four to each plant, now is the critical time.

The strong eyes on these canes are the buds that are going to give you the fine trusses of flowers for next Easter. If from now on the weather is warm and moist and you have the pots plunged in frames, as they should have been, the eyes will start and your labor is in vain. Get the pots out of the plunging material and stand them on boards and water less. In case of heavy rains you can tip over the plants. By this treatment the canes will be good and ripe in November.

I am well aware that just as good Crimson Ramblers are forced from plants lifted out of the nurseries in November, but they want lots of care when first lifted. If grown in pots, any fool, unless he is a "regular fool," can force them.

Ulrich Brunner.

We have a few hundred Ulrich Brunners treated exactly the same, and we expect fine flowers from them, but they must be now gradually dried off. This applies to all H. P. roses in pots.

Carnations.

With all the dry weather up to July 1st carnations about here seem to be doing finely. All shade of every kind should be off the glass after the plants have hold of the ground, which is from ten days to two weeks. All the ventilation you can possibly give is needed.

You are sure to have some small plants left in the field. If lifted and potted in 5-inch pots and all flowering shoots pinched off they get well established by November and will go through the winter finely in a cold-frame and make splendid stuff for selling to your customers next spring.

Remember the carnation is almost a hardy plant and if they are well rooted and plunged in leaves in the frame there is little fear of the cold hurting them. The greatest danger is neglect of airing on mild, sunny days, which starts them growing.

Just a word about the new kinds. In lifting 13,000 carnations we have lost exactly two plants and those were The Marquis, and the grub of the May bug is to blame for that. We are picking fine flowers of Mrs. Lawson. After all, this, I believe, is going to turn out a magnificent flower. Ethel Crocker is sending up fine long stems and fine flowers. Lady Minto seems very early and has fine long stems. The Marquis is a grand plant and promises soon to have a fine crop of flowers. Estelle has the same shaped bud as the Evelina type, but it can be a much better carnation. Mr. Witterstaetter sent us a few Enquirer and the few flowers that have appeared are grand.

About earliness in carnations: All seedlings have a tendency to grow more than flower, but after a few years of artificial reproduction which cuttings are, there is a greater inclination to send up flowers, so I think if we complain that any of these new varieties are late it is our fault in management.

Prepare for Frost.

Frost that hurts usually appears along about the end of this month, so you should be prepared to either bring in or protect your sweet stevia, azaleas, daisies, etc. When plants are in pots they are easily rushed indoors, but when still in the ground and dug

up in a hurry they are likely to lay around the shed, much to their injury, so lift what you have to treat this way and be prepared.

Poinsettias.

I want to conclude by reminding you once more that Poinsettias should never have their roots disturbed in the slightest, not even by shifting, after the end of this month. If you want the cut flowers then bed them out. They will grow much stronger and keep their foliage in a lower temperature. But we find a much more profitable use for them as pot plants, and, above all, in 9, 10 and 12-inch pans.

Plants in 2½-inch pots put now into pans and kept in a warm, light house will make splendid pans. Poinsettias, like all other plants, should be grown in as small a pot as it is possible to develop them in, but when starved for root room they lose their foliage. So if they want shifting do it now or leave it alone. And all those in a 5 or 6-inch pot should have a stake as soon as shifted.

WILLIAM SCOTT.



A perpetual flowering Tamarix.

TAMARIX, "UN-NAMED."

This class of shrubs or trees (as grown) have fine and delicate foliage, soft and graceful as a fern, and of various shades of green, and bearing pink flowers, but always beautiful whether in leaf or not.

The photo is of a variety we for the present call the "Un-named." It is unlike most others in that it makes a large quick-growing tree, with beautiful foliage, abundance of flowers in spring and again in midsummer, continuing then to bloom until cold weather. It is a rapid grower, making an erect trunk from which its abundant branches and fine cut foliage, soft and feathery with its pink flowers, make it a tree remarkable as it now is rare.

I have seen a tree of this kind with a diameter of trunk of 12 or 15 inches and a young tree yet. It is supposed to come from the Amur River country, which is the boundary between Siberia and China, and it is entirely hardy in this country and thrives in any soil. This is distinct from the Amurensis imported by Prof. Budd.

One great advantage this tree has and that is that it will grow and thrive in almost any soil or situation, from the dry southwest to the salt air of the coast; this trait making it very desirable for city yard and park planting, as also at the seashore. It is to be regretted that our florists have not discovered and made use of this, as one plant will furnish a large amount of fine green for cutting all summer and this will keep the tree dwarf enough for any yard. The spray of bloom was cut after a four weeks' drought.

A. H. GRIESA.

Lawrence, Kan., September 3.

WEDDING DECORATION.

We learn that the wedding decoration of which an illustration appeared on page 388 of the Review for August 30, and used by Mr. Kift in illustrating his lecture at the New York convention, was arranged by Mrs. F. A. Grantham, Vaiden, Miss., and that this picture took first prize in the Ladies' Home Journal's contest in 1898 for "best picture of wedding decoration."

LILIES.

If you have chrysanthemums planted out on benches you can utilize the space to best advantage after the chrysanthemum season is past by planting Liliums Harrisii and longiflorum in the same soil rather than raising the lilies in pots to be marketed as cut flowers.

Pot 5 to 9 Harrisii and 9 to 11 longiflorum in good rich soil, to which bone meal has been added, in 4-inch pots and place along the walks on the shady side of a house. Give one thorough watering and no more unless really in need of it. By taking up the pots and looking at the bottom of the soil you can tell whether additional water is necessary. If given too much water the root action will be weakened and the bulbs will not be able to force the stem upwards. Let them stand in the pots until the mums are gone. They will be much more advanced than if you had plunged them in a frame outside. When they have stems about ten inches high change to the sunny side of the walk, or if there is room put them on a bench.

When the mums are taken up shake the soil from their roots and let the old soil dry in the bench a day or so. Then put some rich new soil on top of the old and with the spade mix the old and the new well together, making the lumps fine, and then level off nicely. Then plant out the lilies, placing the longiflorum 12 inches and the Harrisii 10 inches apart in the alternate way. This saves the big expense of buying 5 and 6-inch pots and saves a lot of work in tying up.

After the bench is planted give it a thorough watering but don't water again for at least a week. By that time the roots will have taken a good hold of the soil. They will not require near as much water as lilies in pots, the growth will be freer, the stem much stronger and the flowers larger. No tying up is required. Give the plants plenty of air on sunny days.

If you want flowers from the Harrisii before Christmas (of course you cannot have longiflorum so early as that) have the temperature at least 65 degrees at night. Syringe twice a day in bright weather, and in cold, dark weather have the day temperature at least 62 degrees. Watch out for greenfly. Fumigate strongly every two weeks and when the buds are showing color fumigate lightly once a week to prevent any greenfly from getting into the buds.

After the end of December the cut of flowers will become larger every week. The greater part of the Harrisii will be gone before Easter, but the longiflorum will come much more slowly. You will begin cutting longiflorum in January and the heavy cut will be for Easter. By keeping them very cool at night after Easter, a little shade on the glass and full ven-



Members of the Canadian Horticultural Association at Montreal, August, 1900.

tilation you can have the remainder for Decoration Day.

I prefer to grow a larger proportion of longiflorum, as they make a healthier growth and have larger flowers. The Harrisii are to supply early flowers. I believe this is the cheapest way to grow lilies for cut flowers.

PAUL KOPANKA.

AMONG CHICAGO GROWERS.

Bassett & Washburn.

The big establishment at Hinsdale has this year been extended by the addition of three new houses, each 28x600. They are all three-quarter span and with the long span to the south ,and separated by a space of 18 feet between them, indicating that Mr. Bassett is working away from the short-span-to-the-south and connected houses. Of these houses two are planted with American Beauties and the other with carnations. On the rose houses the long span is 22 feet and the short one 12 feet, while on the carnation house the long span is 20 feet and the short one 14 feet. Each house contains four benches, of which three are 5 feet wide and one 4 feet, with walks against the wall in each case. In the rose houses the benches grade up like steps from south to north, each one being 7 inches higher than the one in front of it. The same plan is followed in the carnation house, but the difference in height of benches is only about 3 inches.

These houses, like all the others in this establishment, are fitted with the round tile bench bottoms, and continued experience simply emphasizes their faith in them. Mr. Andrew Benson, the foreman, says it probably requires a little more watering on the tile bench bottoms, but the drainage is so rapid and perfect that there is much less danger from overwatering and less likelihood of damage in case a stretch of dark weather should follow a watering. And aside from all this they are much the cheapest in the end on account of their lasting qualities. But on these tile bottoms they use full 6 inches of soil, the drainage being rather too rapid for a shallower depth.

Their whole place is heated by steam. We noted a 20-barrel iron tank being placed in position just outside of the boiler house of the latest range, to receive the condensation from the steam heating pipes in the houses. The water in this tank is pumped into the boilers, which are on the ground level. To this tank is attached an escape pipe about 6 feet high, and this is the only vent in the whole system. There are no pet cocks anywhere. The 20-barrel tank receives the condensation from piping heated by boilers with a total of 350-horse power capacity. It is considered essential to the proper working of the system that this tank be of ample size so that condensation will be complete before attempting to return it to the boiler. And the supply of fresh water for the boilers is so arranged that this cool water is mixed with that from the tank before entering the boiler. The vent on the tank has a valve and this is fully opened only when steam is first entering a coil of pipes. When the pipes are clear of air the valve is turned almost off and under certain conditions of hard firing is closed tight.

For this season they have benched a little over 100,000 roses, of which 43,000 are American Beauties and the remainder Brides, Maids, Meteors, Perles, Kaiserins, Golden Gates and Liberty. Of the latter they have 3,000 plants. They plant their Beauties in rows 13 inches apart and the plants 17 inches apart in the row. The idea is to let as much light as possible in between the plants. The teas are placed 13 to 14 inches apart each way.

Of carnations they have benched about 60,000 plants, the varieties divided as follows: 6,000 each of White Cloud, Flora Hill, Frances Joost and Mrs. Bradt; 5,000 each of Crane and America; 7,000 Triumph; 3,000 each of Mrs. Thos. W. Lawson and Mary Wood; 2,000 each of Ethel Crocker and Mrs. Jas. Dean; 1,500 Gold Nugget; 1,000 each of Red Bradt, Cerise Queen, Maceo and Morning Glory; 500 each of The Marquis and Jas. Whitcomb Riley, and a few hundred each of some other new ones.

The soil question is naturally an important one on such a large place, and a pile containing already over a thousand loads is being built to herculean proportions for next year's use.

PRIMULA FORBESII.

I have much trouble in growing Primula Forbesii. Will you please tell me what soil is best for forcing them? Every time I transplant them I lose a number. I use a light soil as for most plants. J. K.

Providing the seed is good and we can get them up there is no difficulty in growing the P. Forbesii. We find the compost that suits the Chinese primulas does very well—three-fourths loam and one-fourth thoroughly rotted manure.

We found that Forbesii wanted plenty of light. In fact, we had it on a bench, and having to remove the glass it had the full air and light during the month of August, and they grew stout and thrifty. You must not coddle it up with shade and heat. Plunged out of doors in a frame, with the means of protecting it from heavy rains, will suit it finely during July, August and September. Give it air and light. WM. SCOTT.

BUFFALO.

Business Conditions.

So much has happened since my last notes I hardly know where to begin.

We can scarcely say that business is rushing, but all hands have had their share of funeral work.

A sad accident by drowning in Muskoko caused the death of one of our young married women and called for the use of many flowers. The Comptroller of New York state, Col. Morgan, died at Albany and his funeral was held here on Sunday last. Both Albany and Buffalo florists had large orders for elaborate designs.

One large piece, a "Rock of Ages," 5 feet high, with a 4 foot base was especially fine. It was ordered by his associates at Albany but made here. I am in hopes of sending you a photo of it later.

A Visit to Toronto.

We paid a visit to Toronto last week. It is a mammoth fair indeed. The exhibit in the horticultural line was about as usual, which means that there was a very fine lot of plants and fruit. Perhaps the inspiration I am receiving from the lofty and beautiful buildings of the Pan-Am. and its fine landscape features has raised my ideas of exhibition grounds, and this year I was not so well pleased with Toronto. Two years ago I remarked to some of my friends there that the amusement and refreshment feature was beginning to be too prominent, and this year it is still more so. I know I am allowed to say this because the Toronto press have said it and very strongly.

One of the neatest exhibits on the grounds was the tent of the Pan-American, and thousands visited the same. The general remark was after looking around: "Well, if this is an indication of what you are going to do in Buffalo in 1901 you are all right."

By honesty and perseverance and enterprise this Industrial Fair of Toronto has grown from a very small affair 25 years ago to be the largest fair on this continent, and long may it flourish.

Those Bowling Trophies.

We got home from New York straggling as we went, and don't forget to tell the stay-at-homes that they missed it sadly. The trophies, both for teams and individuals, arrived promptly and are on display at the emporium of W. F. Kasting, V. P. S. A. F. and O. H., M. B. P. B., etc., etc. If John Westcott should be passing through to the west and have a little time to spare he can get a look at the cups and return to the depot inside of half an hour.

The writer was elected president of the National Florists' Bowling League and has not yet committed an official act, but we heartily indorse the resolution passed at our meeting in New York, not to accept any trophy that cannot be won right out at one convention. It is the right thing all around.

Various Items.

I have no hopes of remembering all the visitors of the past three weeks, they have been too numerous and more or less illustrious. Mr. F. R. Pierson was here, delighted with the Pan-Am. prospects, and will be a very large exhibitor. Mr. Mills, of Rose Hill, N. Y., also a large exhibitor. Mr. Berkowitz, of Philadelphia; W. Mott, of the country at large; Mr. Harry May, of N. J., on his road to Painesville. Mr. May is an unusually fine young man and will surely make his mark. He has the good looks of his father, in short, his Napoleonic severity.

Mr. Valentine spent a day here on his way to his Rocky mountain home, and well pleased we were to see him.

When in Toronto I corralled Charles Scrim, of Ottawa, and Joseph Bennett, of Montreal. We crossed the raging Ontario and then alighted at Lewiston, traveled the portage to the navigable waters of the Niagara and thence to Buffalo. This route used to be traveled by the famous Seneca chief, "Wah Wah," or "Young Man Not Afraid of His Wife." There were brave Indians in those days. Mr. Scrim was amazed at the growth of Buffalo and Mr. Bennett was delighted with our beautiful city, and beautiful it is just now. Thousands of altheas from pure white to deep purple adorn our lawns and hundreds of verandas are a canopy of beauty with immense veils of Clematis paniculata. How plebeian and 30-cent like a bed of geraniums appear by the side of these beautiful hardy plants.

There is another gap in our park board. David F. Day was long an active member. An eminent lawyer by profession his hobby was botany and he was considered as good a field botanist as we have in this state. His last work in his loved field was compiling a catalogue of the flora of the Niagara Reservation for the State Commission.

We have had good showers at intervals and are not kicking, but we nearly beat the country one day last week—89 degrees at 8 p. m.—but that only happens here once in a century.

Pan-American Exposition.

Since my last notes great progress has been made in every department. The rains of last month have had a very beneficial effect on grass, trees and shrubs. A large area that was, even in July, the most formidable clay banks, is now finely graded and covered with grass as green and smooth as the proverbial billiard table. The nymphaeas planted in numerous pools in July are making a fine growth and many of them are flowering. Mr. Ulrich, the landscape gardener, is now busy placing groups of herbaceous plants on the margins of the shrubbery borders. Properly, he is not mixing up indiscriminately a great many species but is putting groups of one species and variety here and there. This is as our hardy plants grow in the temperate zone, in colonies, and not a hundred species in a few square yards, as we find in the tropics. Mr. Ulrich has over 200,000 of these herbaceous plants, and they must add immensely to the appearance of the grounds next summer.

The Horticultural building is in course of erection. The two conservatories leading on the north and south to the Forestry and Mines and Graphic Arts are already completed and will be heated so that they can be utilized by New Year's. Although not modern constructed conservatories, they have all the requisites to the growth and welfare of any plants and will be seen and used by every one. Many of the fine beds in the Grand Court and the Sunken Gardens are now assuming shape. The grading is practically done in the Esplanade and the Fore Court and on the banks of the Cascades. The United States building will soon be roofed in. This is a most beautiful and imposing structure.

At the rear of the Government building, just across the canal, the Agricultural Department, under the direction of Prof. J. Lamson Scribner, and executed by Mr. Ball of Washington, has made an exhibit of all the useful grasses of the United States. The plot covers one acre and a half and every kind of grass used in the states and territories, even to sand



Store of Messrs. Sievers & Boland, San Francisco.

binders, will be found here. This exhibit will be of great value to agriculturists and Mr. Scribner informs me that the department has never made a similar exhibit.

The horticulturists of the country will be pleased to hear that many large entries are received. J. C. Vaughan, of Chicago, has about half an acre devoted to an exhibit of lawn grass, on which there is half a dozen very fine beds. Just at the north of that Peter Henderson & Co. have a similar plot. These are finely situated, being close to the Midway. By the side of the main entrance is a similar exhibit by Harry A. Dreer, of Philadelphia, and near by a local firm, Whitney-Eckstein Co., have another plot. F. R. Pierson, of Tarrytown, has entered for a very large exhibit of choice trees, shrubs and plants, and numerous other firms have also entered for exhibits.

The Albright Art Gallery, which will be a white marble palace, is being rushed with all speed, and although time will forbid its entire completion it will be sufficiently in shape to serve its purpose during the Exposition. The New York State building, which will be given to the city of Buffalo for a historical building, is going up rapidly. It is beautifully situated, overlooking the North bay in the park proper.

Large beds of hardy roses located in the music garden have made a most excellent growth. They were planted fully six weeks later than the proper time, but with good care they are going to be a great success. This is very encouraging as it tells us what we can expect from other exhibits when planted at the proper time.

Any doubts as to the Exposition being ready on time are now dispelled, particularly by those who have watched closely its progress. Every building is nearing completion. One of the largest buildings, Machinery and Transportation, is covered with staff and coloring is commenced. The buildings are now seen from several of the railway lines entering Buffalo. It is pleasant to hear from visitors who were well acquainted with the progress of the World's Fair, that in preparation in all departments we are away ahead of that great institution. Some enthusiastic horticulturists have ventured to say, "You have got the World's Fair beat already." This may sound a little boastful, but mind we did not say it. I can only repeat that when completed, and the one hundred and fifty acres of Buffalo's beautiful Delaware Park are thrown into the grounds of the Exposition, it will, in point of beauty, of landscape and architecture, be hard to beat.

WILLIAM SCOTT.

ST. LOUIS.

Club Meeting.

The September meeting of the Florists' Club took place Thursday afternoon, September 6. Only 14 members were present. President Ammann took the chair. After the reading of the minutes all committees were discharged except the exhibition committee. Mr. W. Adles was elected a member of the club and the regular routine business was completed.

The installation of the new officers then took place. Mr. Ammann, the retiring president, after a few well-pointed remarks turned the chair over to the new president, Mr. E. W. Guy. Mr. Guy made a short talk and asked the members to give him their support by attending the meetings and hoped that the newly elected trustees would have essays read and plenty of them. Vice-president Juengel, Secretary Schray and Treasurer Beneke also made a few remarks for the good of the club.

The three trustees outlined their work through Mr. F. J. Fillmore, who read as follows:

The trustees of the St. Louis Florists' club have prepared the following essays to be read by the different members of the club during the coming fall, winter and spring meetings. We find this necessary to make our meetings more interesting; two essays a month will bring about a better attendance and something to hold them when they do come. The trustees would ask the secretary to so notify each member a month in advance what is required of him at the next meeting and to come prepared, and if the members will do this and assist the trustees in their work we will have pleasant meetings; the attendance will increase each month and bring in new members.

The list of essays and who shall read them are as follows:

October meeting—"Profitable Winter-Blooming Plants," by Emil Schray; "The Best Method of Growing Roses, and the Best Varieties for Present Demands," by Frank J. Fillmore.

November meeting—"Successful Violet Culture," by Herman G. Ude; "Hardy Flowers for Florists' Use," by C. C. Sanders.

December meeting—"Latest Facts About New Carnations," by Fred W. Ude, Jr.; "New Carnations From a Commercial Standpoint," by Dr. A. S. Halstedt.

January meeting—"How to Grow Good Perle Roses," by J. F. Ammann; Cut Flowers for Retailers' Use, Other Than Roses, Carnations and Chrysanthemums," by Fred C. Weber.

February meeting—"Best Method of Wholesaling Cut Flowers," by Henry Berning; "Some Requirements for the Elevation of our Business," by J. J. Beneke.

March meeting—"The Cultivation of the Rose To-Day, as Contrasted With Ten Years Ago," by Robert F. Tesson; "Shrubs for the Florist," by Carew Sanders.

April meeting—"Bulb Stock and How it Should be Grown to Make it Profitable," by E. W. Guy; "How to Grow Profitable Pot Plants for the Market," by Carl Beyer.

May meeting—"Orchids from a Commercial Point of View," by R. J. Mohr; "Sweet Peas and How They Should be Grown, by Max Herzog.

The question box was then opened. Quite a few questions were asked in regards to chrysanthemums and carnations. The chrysanthemum growers claim plants looking well but all seemed troubled with black aphis. Carnation growers reported that their plants never looked better, especially Crocker and Lord.

The meeting then adjourned to meet again on Thursday, October 11, at 3 o'clock.

At this point President Guy announced that he had a little surprise in store for the members and those who would follow him would not be sorry. I will not try to describe what we had or did but those who failed to attend missed a rare treat.

Those from out of town who attended the meeting were: F. W. Ude, Jr., and Theo. Richter of Kirk-

wood; J. F. Ammann of Edwardsville; Dr. A. S. Halstedt and E. W. Guy of Belleville.

Notes.

Mr. B. Eschner, of M. Rice & Co., Philadelphia, and Charlie Ford, representing A. Hermann & Co., New York, are in town with florists' supplies. Both gentlemen report trade good since leaving home.

Carl Rauth, of Springfield, Ill., spent Saturday with us. Brother Schmidt, of Edwardsville, Ill., called on the boys Saturday with that same smile.

Fred C. Weber and John Young and wife are back from Atlantic City, where they spent some four weeks. Messrs. Young and Weber both attended the S. A. F. convention and report a good time while away and are loud in their praises of the New York boys. Mr. George Windler and mother and Chas. Connon and wife have also returned from their eastern trip.

Mrs. Frank J. Fillmore is spending a few weeks in Chicago.

Dr. and Mrs. Halstedt of Belleville, have returned from their trip up north. They spent the last week in Chicago visiting the different floral establishments.

Mr. and Mrs. Ed. Buechel, of the Riessen Floral Co., after spending a month up north returned home last Wednesday, both looking the picture of health.

Miss Weinhardt who has been spending a few weeks at Fort Wayne, Ind., a guest of Mr. and Mrs. Vesey, returned home, having had a very enjoyable time.

Thompson, Anderson & Kennedy are making some improvements on the large house at Shaw's Garden, building two sections and a dome. When completed will be very attractive.

Fred Foster has opened a branch store at 510 Olive street. Fred will vacate his old place, at Eighth and Olive, about January 1.

St. Louis Fair Association, which opens its annual fair October 1, offers in prizes for plants, $261.00; for cut flowers $140.00; and diplomas for the best display of immortelles, grasses and artificial flower designs. Superintendent J. Ayers reports that a number of local florists have already entered and that he expects the competition to be greater than ever, and hopes that all florists will take advantage of the liberal prizes offered and make their entries at once.

Mr. Ayers wishes me to state that the judges will start to judge on cut flowers, at 10 a. m. Thursday, and cut blooms and designs must be in place by that time without fail.

The Market.

Stock of all kinds is plentiful but the quality is not what it should be. Roses, carnations, and asters are the principal flowers seen. Roses have no doubt suffered greatly from the recent hot spell and choice blooms are out of question. Prices remain the same as reported last week. There are plenty of white carnations in the market just now; colored varieties are scarce. All of them are very small, with short stems. The price runs from 25 cents to $1 per 100. Since we have had a little rain asters have become more plentiful and some very fair flowers are seen that sell from 50 cents to $2 per 100.

J. J. B.

CHICAGO.

The Market.

The supply of roses and carnations is increasing but demand has fallen off and trade is experiencing a relapse from last week. Roses are still $2 to $4 a hundred, but carnations are down to 50 cents to $1 a hundred and often even good grades are difficult to move at any figure. American Beauties hold up to last week's figures. The market is glutted with asters and even first-class ones go begging for a purchaser at $1 a hundred, while poor ones can't be sold at all. Auratum lilies are coming in more freely and are quoted at $1 to $1.20 a dozen. Tuberoses are plentiful. The best bring $2 to $3 per 100 spikes when they sell, and large lots are cleaned out at $1 to $1.50 per hundred spikes.

Various Items.

Mr. J. A. Valentine, of Denver, spent a few days in the city last week on his way home from the convention.

Mr. Walter Mott, representing Henry A. Dreer, was in the city last week and went from here to St. Paul.

Mr. E. R. Tauch, formerly with Walter Retzer & Co., has organized the Harms Park Floral Co. and has taken the greenhouses in Harms Park, Berteau avenue, near Webster avenue, which have been entirely rebuilt. Mr. L. Gregor, for the last twelve years with E. Weinboeber, is associated with him in the business. They intend to build another 25,000 feet of glass this winter and to continue building in the spring. Last week they planted in 12,000 carnations, the varieties being Joost, Pink Armazindy, America, Crane, White Cloud, Hill, Bradt and Evanston.

Mr. J. F. Wilcox, Council Bluffs, Ia., visited the trade here this week while on his way home from New York.

The Mulick Bros., of Grand Rapids, Mich.; Mr. Joy, Sr., of Nashville, Tenn., and Paul Berkowitz, of Philadelphia, were recent visitors.

Mr. Challenge Ventilator Evans, Richmond, Ind., blew into town on the fag end of the Texas gale on Tuesday.

The weather is giving us a good deal of the "spice of life" lately. Sunday was cool and comfortable, Monday boiling hot, Tuesday decidedly cool and Wednesday chilly. The air at present suggests the possibility of early frosts.

BOSTON.

Various Items.

Not much improvement in our running gear yet, although buyers are forced to pay the same prices for poorer goods on account of a slight falling off in both quantity and quality, so probably the expected scarcity will soon arrive and there will be something of a discrepancy between aster time and chrysanthemum time, as usual. Advance guards of the latter blossom have been here, however, a squad of six under command of S. J. Goddard fully two weeks since and a dozen one week ago. There are reports that Welch Bros. had a few even earlier than these.

Red roses are getting a surer foothold, Beauties having the call at Welch Bros. and Sutherland's.

The advertised auction sale of the Hayes place at Exeter, N. H., was of the nature of a failure, no genuine bid being made for the property.

So far as returns have been received Geo. Ayer is the latest victim of the falling bench, and he came very near being a victim indeed, as he had just crawled out from under one a hundred feet long, newly filled with his best carnation loam mixture, when it fell, annexing his propagating bench as it went.

Decks are being washed, masts scraped and sails trimmed on board the Park street craft of trade in preparation for rush of passengers next Saturday for berths for next year's voyage.

B. T.

THE FINLEY LAWN RAKE.

The Finley Rotary Lawn Rake, which was certificated at the New York convention of the S. A. F., is certainly a very useful instrument and will take the place of the old hand rake on the lawn just as surely as the lawn mower displaced the scythe. The great advantage of this new machine is that it picks up the grass and any litter and puts it in a carrier attached so that the work is cleanly done. The principle is somewhat similar to that of the carpet sweeper, the rake having teeth instead of bristles.

This rake will be especially useful in the fall in gathering the fal ing leaves, which are so difficult to keep off the lawn during the autumn months. On a windy day it is practically impossible to do a clean job with a hand rake, but the wind will make no difference when the machine



Delivery Wagon of Messrs. Sievers & Boland, San Francisco.

is used, for the leaves are passed into the receiver and when once caught by the rake they will stay caught. The rake is manufactured by the Finley Lawn Rake Co., Joliet, Ill.

KANSAS CITY, MO.

Trade and Other Notes.

There are two changes the florists are anxiously awaiting—moderation in temperature and a revival of business. With the season so far advanced, the weather is phenomenal, it being more suited to midsummer than early fall.

The general supply of stock is good. Roses are improving in quality, especially Beauties, which are extra fine for so early in the season, and retail as high as $3 per dozen. Outdoor-grown carnations are in full crop and none go to waste, as asters are through blooming. The Boston fern is now being grown here in large quantities, sells readily, and is used lavishly in window decorations. The display at Miss Dalley's store is particularly attractive.

An event of the past week was a decoration for a Chinese wedding arranged by H. J. Millatt, the groom, who is a prosperous merchant of this city, desiring everything done strictly up to date. In a circle around the room palms were placed in representation of the Chinese wall. The ceiling was draped with golden rod and moon vines. Chinese lanterns made of the same material were suspended from the ceiling, and when illuminated the effect was most pleasing, the flowers of the moon vines remaining open for several hours. The ceremony and celebration lasted three days and was carried out according to the customs of the Chinese empire and every detail was written up by the local press. Willie Rock says this interesting event occurred at a most opportune time and will help to stimulate fall trade, and he has already booked several good wedding orders for this month and the next.

It is gratifying to note in the last issue of the Review that Kansas City ranks sixth place in park area. While this is not an exaggeration, will state that our park system is yet in its infancy, and but 500 acres have received the finishing touches of the landscape gardener. If the present efficient management is not handicapped through lack of funds, great progress will be made in this department in the next five years.

Three weeks ago Col. Wm. Sharp, our bachelor florist, asked for a leave of absence to visit Chicago, to see the G. A. R. parade and other sights. Since his return it is rumored that he is no longer a single man.

Arthur Newell and family have returned from a trip up the lakes. Arthur's physiognomy indicates that he was well provided for and his "furnace" is in splendid working order.

Lawrence Schwager has gone down into Kansas for a week to teach a tribe of Comanche Indians a few lessons in landscaping.

Miss Louella Bowman is rusticating for a month at Sweet Springs, Mo.

H. J. M.

AGERATUM STELLA GURNEY.

A row of this new ageratum at Lincoln Park, Chicago, shows it to be a decided advance on other ageratums in many ways. The individual flowers are much larger, the color is deeper, and the habit very much dwarfer. Head-Gardener Strombach is very favorably impressed with it.

NEW CARNATION.

Registered by J. Howard Pyle, Willowdale, Pa.—"Lena," color a little darker than Scott; size, two and one-half to three and one-quarter inches. Stem very stiff and of good length. Very productive and never bursts. Vigorous and healthy; has been grown for seven years and gets better every year.

For the American Carnation Society.

ALBERT M. HERR.

Lancaster, Pa.

THE RETAIL FLORIST.

On account of the illness of "Ivera" we have nothing from him for the "Retail Florist" department this week. We hope to resume the department next week.

WASHINGTON.

Business is still very slow and stock very poor. Asters are coming in by the thousand, with practically no sale for them. Tuberoses and a great variety of outdoor stuff goes at any price. All tea roses go at 2 to 4 cents; Beauties, 8 to 10 cents. Quite a few outdoor carnations are coming in and go at 1 cent.

Z. D. Blackstone, our young and popular uptown florist, has leased the King place, composed of 15,000 feet of glass, which he will remodel to grow roses and carnations for his store.

The growers in general are now busy planting early bulbs and housing carnations. F. H. KRAMER.

WASHINGTON, D. C.—Mr. and Mrs. J. Louis Loose have returned from Europe.

NO. TONAWANDA, N. Y.—Mr. C. J. Pult is in Europe and expects to return early in October.

MORRIS, ILL.—Mr. A. Mitting has purchased a large additional block of stock in the Morris Floral Co., and now holds a large controlling interest in the company.

NEW ORLEANS, LA.—Harry Papworth is the proud father of a bouncing boy. He missed the convention this year, but will be on hand at Buffalo.

PETERSBURG, ILL.—The greenhouses of Mrs. Huida Salverson have been remodeled and modern improvements added.

GRUNDY CENTER, IOWA.—Theo. Souers has just completed another new house 20x50.

OCONOMOWOC, WIS.—C. B. Tremain has sold his place here and has removed to Hartford, Wis., to which point he will move his greenhouses.

NEW YORK.—Mr. and Mrs. Aug. Rhotert returned Aug. 31st, after a two months' visit to Europe.

QUAKERTOWN, PA.—E. I. Rawlings is building a new house 22x200.

SIOUX CITY, IA.—J. C. Rennison is building two fine new houses, one for carnations and the other for violets.

HAVERSTRAW, N. Y.—Henry Backer, the florist, was killed by the cars Aug. 20. He was 80 years of age.

SAMUEL S. PENNOCK. Wholesale Florist

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

DETROIT, MICH.

Thos. W. Weathered's Sons, of New York, are erecting a $3,000 iron frame conservatory at Grosse Pointe Farms, which promises to be the best around here. Mr. Thos. Burns is overseeing the job.

Fred. Pautke is home from the convention and says that the next time he will take a day's rest before bowling, in order to gain some pointers.

Reynolds came home feeling good and he says the New York boys are all right. Damerow came near getting killed by lightning. He says if he had gone to New York it would not have happened. All say the New York club did their best.

The Water Works Park is looking its best and Mr. Plumer, the gardener, has reason to be proud of his work.

F. C. H.

A. G.—Please send us your street address again. We have mislaid it and a reader wishes to communicate with you.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Young man to assist in rose houses under foreman; must have some experience; salary $20.00 per month, board and room. Address A. H. Poehlmann, formerly of Poehlmann Bros., Morton Grove, Ill.

WANTED—An experinced man as salesman and to assist in getting a location for a wholesale florist establishment. Address Adolph H. Poehlmann, formerly of Poehlmann Bros., Morton Grove, Ill.

WANTED—Young man as helper in greenhouses. Address Geo. Souster, Elgin, Ill.

SITUATION WANTED- Young lady; three years' experience; can do funeral work. Address M. S., care Florists' Review.

SITUATION WANTED—By practical man, age 30, single, as gardener in private place, park or cemetery. Competent to take charge. Address Trebor, care Florists' Review.

FOR SALE—Florists' store fixtures and supplies. S. Michaels, 592 West North Avenue, Chicago.

FOR RENT—On shares or cash, greenhouse plant in Iowa in full operation. For particulars address Iowa, care Florists' Review.

FOR SALE—Cheap; small, modern, up-to-date greenhouse plant and house close to New York City. W. F. Lynch, Davis St., West New Brighton, Staten Island, N. Y.

SITUATION WANTED- By a first-class florist and gardener; twenty years' experience; married, no children; private place, park or cemetery preferred. M. J., care Florists' Review.

WANTED—Man for general greenhouse work; must be steady and not afraid of work; wages $25 per month with room and board to start, more if suited. Also night fireman wanted, steady. Address with particulars, Jos. M. Smely, Aurora, Ill.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

JOSEPH HEACOCK, WYNCOTE, PA.

Offers the following

Home-Grown PALMS.

FREE FROM INSECTS AND DISEASE OF ANY KIND.

They cannot fail to give satisfaction. Should be seen to be appreciated.

A trial order is solicited.

ARECA LUTESCENS.

3 plants	6-inch pot	24-inch	$12.00 per doz.;	$100.00 per 100
3 "	8 "	30 "	30.00 "	
3 "	8 "	36 "	36.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
6 "	6 to 7 "	26 "	18.00 "	150.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each.	
8 "	7 to 8 "	36 inches high	4.00 "	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
8 "	6 "	36 to 40 inches high	3.00 each:	36.00 per doz.
8 "	6 "	48 to 50 "	4.00 "	48.00 "

All Measurements are from Top of Pot.

Mention The Review when you write.

FOR SALE OR RENT.—A greenhouse plant in a Canadian city; quick and easy communication with Toronto and Buffalo; a fine opportunity. For particulars address C. J. L., care Florists' Review.

BOYS WANTED—Sons of florists can make money by working for us. For terms, etc., address The Florists' Review, Caxton Building, Chicago.

FOR SALE—At a bargain on account of ill health, good florist business, everything nearly new; 8-room dwelling, barn, 5 greenhouses, 5000 feet glass, 2 boilers. Good plant, cut flower and nursery trade. Care of two cemeteries. Best shipping facilities. In a good business town. Address W. D Chase & Son, New London, O.

Wanted == A good Working Foreman.....

For eight greenhouses, 100 x 20, near Chicago, must thoroughly understand growing roses, carnations, mums and general bedding stock. A good place to the right party.

Address 30, care of Florists' Review.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL, - CLYDE, OHIO.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 10 0.

Liberty 12 plants for.....$7 20
25 " " 12.50
50 " " 15.00
100 " " 28.00

Chrysanthemums.

Mrs. Barr, Silver Wedding, all fine varieties, strong plants, from 2¼-in. pots, $1.00 per 100.

Dorothy Devins **Black Hawk**
Elvena **J. H. Woodford**
H. W. Longfellow **Iora**
H. L. Sunderbruch **Mrs. H. Weeks**
Miss Helen Wright **Maude Adams**
Pitcher & Manda **Belle of Castlewood**
Pride **Helen Bloodgood**
B. M. Giroud **Marguerite Graham**
J. H. Troy **Minerva**
Mrs. S. Humphreys **Riverside**
Mme. F. Bergmann **T. B. Morse**
W. H. Lincoln

Strong plants, from 2¼-in. pots, $2.50 per 100; $20.00 per 1000, for our selection of above varieties.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

Mention The Review when you write.

Z. CHRISTMAS IS THE.... SWEET PEA FOR FORCING

Seed, $10 per lb., $1.50 per oz.

This grand variety is for inside culture only. The flowers first appear from September to November 20th, and flowers from then all winter until June. From middle bench, 6½x100 feet, I cut an average of 84 dozen per day; grows only 4½ ft. high and flowers on 15-inch stems; color similar to Blanche Ferry. They are easily grown and with each order I will send directions as to the way I grow them. I have raised them 8 years now and they do well every year. All seed is from selected plants raised inside, and I will guarantee them to flower all winter. Plant after your mums. Have only a small quantity of seed, so first come, first served. Send check or money order with your order.

ANT. C. ZVOLANEK,
Grand View, Somerset Co., N. J.
Formerly at West Hoboken, N. J.

Mention The Review when you write.

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

ROSE PLANTS.

EXTRA HEALTHY STOCK.

American Beauty, 3½ and 4-inch.....per 100, $5.00
" " 3-inch ..... " 3.00
Bride, 4-inch ..... " 5.00
Meteor, 3½-inch..... " 3.50

BROWN & CANFIELD, SPRINGFIELD, ILL.

Mention The Review when you write.

Ready for Delivery NOW at.....

FAIREST PRICES, FINEST CONDITION, FULL SIZE and COUNT.

HYACINTHS.

	100	1000	Case, 2200
Early White Roman, select, 12-15 cm	$1.85	$17 00	$36.00
Single Blue " " "	1.50	14 00	
" Rose " " "	1.40	13.00	
Double " " " "	1.40	13.00	

DUTCH HYACINTHS.

	12	100	1000
Extra Size, separate colors	$0.60	$4 50	$40.00
A grand lot of **Named Sorts,** all popular florists' varieties		100	
	1.00	6.00 to	7.00

MINIATURE or DUTCH ROMANS.

	11-12 cm. 12	100	1000
In named sorts or separate colors	$0 40	$2.75	$24up

Produce flower spikes equal to 2d size Hyacinths. Great for growing in pans for Xmas.

NARCISSUS.

	100	1000
Paper White, Giant Flowering, 1st size	$1.00	$9 00
" " 2d size	.85	7 50
Early Double Roman, fine forcer	1.00	8.00
	Doz.	
Golden Sun, orange cup	$0 25	1.75	14.00
Trumpet Major, favorite forcer	.20	1 00	8.50
Von Sion, Dutch grown, XXX, giants	.40	2 00	17.00
" " XX, select	.30	1.60	14 00
" " X, fine	.20	1.25	10.00
Mixed Trumpet Narcissus, choice	.20	1 00	8 00

TULIPS are in—get the first choice. We have them, fine large bulbs, mixed or separate colors, all forcing sorts.

We give you a few sample prices:

	12	100	1000
La Reine, the unexcelled forcer	$0 20	$1.25	$10 00
Belle Alliance	.20	1.25	9.50
Keizerskroon	.20	1 25	10 50
La Candeur	.20	1.10	8.50

CROCUS should be planted now. We have whoppers in size, 1-1½-ins. diameter, all sorts and colors.

FREESIA Refracta, True White.

2 sizes.
1st size, 100, 75c; 1000, $6 00. 2d size, 100, 50c; 1000, $3.75

	100	1000
White, yellow throat, 1st size	$0.50	$4 00
" " " 2d size	.40	2.50

CALLA Æthiopica.

	12	100	1000
3-5 inches circumference	$0 50	$4 00	$30.00
4-6 " "	.75	5.50	50.00

LILIES Harrisii, as healthy as Best Bermudas.

5-7, 100, $4.25; 1000, $40.00. 7-9, 100, $9 50; 1000, $90.00
Lil. Candidum, strong bulbs.....12, 60c; 100, $4.50

LONGIFLORUM are in from Japan. First advance shipment. Earliest ever arrived in New York. As long as unsold:

	12	100	1000
6-8	$0 60	$3 75	$31 00
7-9	.75	5.50	50 00
9-10	1.25	8 50	80 00

BULBS, 25 at 100 rates; 250 at 1000 rates.

SEEDS Do you want to see satisfactory results? Give us a trial. You will remain with us. We offer, for seasonable planting:

KENTIA Belmoreana or Forsteriana, fresh 1900 crop, 100 seeds, postpaid, 75c; 1000, $4 00; 5000, $17.50.

SMILAX SEED, fresh crop, pkt., 10c; oz., 25c; lb., $2 50

CYCLAMEN Persicum Giganteum, brilliant colors, mixed, 100 seeds, 60c; 1000 seeds, $5.00.

PANSY SEED We pride ourselves on the quality of ours. We offer separate or mixed Bugnot, Odier, Cassier, Trimardeau, 1000 seeds. 25c; 5000 seeds, $1 00. Also any known color, separate or all sorts mixed, at same price.

5 PER CENT CASH DISCOUNT ON ABOVE LIST FOR ONE WEEK.

JAPAN FERN BALLS Florists' great money-maker. Our firm was the first to import these in this country in 1878. Now is best time to order for December delivery.

We book orders for these now at **10 Per Cent Discount** up to October 1st. Address

H. H. BERGER & CO., (ESTABLISHED 1878). 47 Barclay Street, NEW YORK.

PRIMROSES

IMPROVED CHINESE, out of 2-inch pots, strong. Well known as the finest large flowering fringed varieties grown. Single varieties, in choice mixture, **$2.00** per 100; **$17.00** per 1000, named varieties. Doubles, **$3.50** per 100. Extras added liberally to help pay expressage.

The Home of Primroses. JOHN F. RUPP, SHIREMANSTOWN, PA.

Choicest Stock. Lowest Prices.

Roses. XX strong, 14 to 16-in. tall, Brides, Meteor, Maids, Perle and Golden Gate, out of 3 and 3½-in. pots, only 3c, worth 6c; 10,000 to sell.

Carnations. The kind that pay. Flora Hill, Wm. Scott, McGowan, Tidal Wave, Morello, Jubilee, Mayor Pingree. Strong bushy plants in bud and bloom, only $3.00 per 100; 15,000 to sell.

Geraniums. Bruanti, Hetheranthe, White Swan, La Favorite, American Wonder, strong 2½-in., only $1.50 per 100.

Asparagus Sprengeri. XX strong, 2½-in., ready for 4-in., only 5c.

Crimson Rambler Roses. Field-grown, canes 3 and 4 feet, only 10c per 100,

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

JOHN WELSH YOUNG,
WHOLESALE GROWER OF
Pandanus Veitchii and Boston Ferns,

See page 427 of the Review of Sept. 6 for prices.

Upsal Station, Penna. R. R. **GERMANTOWN, PA.**

Mention The Review when you write.

Thousands XX Asparagus Sprengeri,

2-in., $3.50; 2½-in., $4.00; 3½-in., $5.00.

Violets, healthy field-grown clumps. Imperial, $6.00; Swanley White, $4 50; Campbell, $4 00; California, $3.50. **Spirea,** A. Waterer, field grown, 10-in. high, right size for potting, $6.00. Same from 2½-in. pots, $3.00. Caryopteris (Blue Spirea) field-grown, 2 ft. high, $5.00. Same from 2½-in. pots, $2.50.

English Ivy, 2½-in. pots, 10-in. vines, $4.00.
California Privet, field-grown, 18-in., $2.50.
Baby Primrose, 2½-in. pots, $4.00.

TOMATO PLANTS. Gardiner's true Lorillard for winter fruiting, $3.00.

Prices of above are by the 100. Cash with order please. Samples of any, 10c. Address—

RONEY BROS., Florists,
Northern Heights Greenhouses,
WEST GROVE, PA.

Mention The Review when you write.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in. pots, $4.00 per 100; $35.00 per 1000. Field grown M. Louise and Lady Campbell, $4.00 per 100; $35.00 per 1000.

Roses—Meteors, Perles, Maids and Brides, extra fine stock, 3-inch, $3.00 per 100; $20.00 per 1000.

A bargain on Carnations, such as White Cloud, Flora Hill, New York, etc. Let us figure on your order.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

OMAHA.

Business still remains quite dull, although the past week was better than the preceding one, the improvement being caused entirely by funeral work.

Stock does not seem to improve, but as we are scheduled to have cooler weather from now on (the heat here has been something awful), we shall look for better stock. Most of the growers hereabouts are through planting. Carnations are blooming at some places and soon will be at the rest. The reports so far on the condition of the roses are most promising and this season will see the finest stock of all sorts this vicinity has ever seen.

Omaha is preparing, on a very extensive scale, for the reception to Sampson V., King of Ak Sar Ben. The Grand Festivities and Carnival of Fun will extend from the 24th to the 26th of September.

A. Donaghue, Sr., and son, along with several friends, spent a part of last week bagging prairie chickens in the sand hills northwest of Omaha. They came back with 140 chickens and ducks. J. B.

PEORIA, ILL.

Peoria has been about the hottest place in creation for some weeks now, and business has been dull with the exception of a good run of funeral work the latter part of August.

There is an abundance of asters and roses just now, also some good American Beauties. Outdoor carnations are poor keepers.

Carnations are all housed everywhere here and though not large the plants are healthy. Plantings are about the same as last year. Chrysanthemums promise to be plentiful, with lots of fine pot plants also this fall.

C. Loveridge's store manager is leaving him. As a hustler after orders he could not be beaten, and he will be missed by competitors, who felt quite concerned about the way that quiet seeker cornered the funeral orders. J. R.

AN ERROR IN AWARDS.

At New York the judges in one of the classes seem to have accidentally included one firm's exhibit in that of another, and as a result awarded to Mr. R. Dreyer a certificate of merit for "specially well grown cyclamen hybrids," when the plants were shown by Messrs. Lehnig & Winnefeld, Hackensack, N. J., and the award should have been to the latter. These cyclamen plants, by the way, had foliage that was very beautifully marked and were well worthy of a certificate. The error in name of exhibitor will no doubt be corrected by the executive committee at its next meeting.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write

E. C. AMLING,
THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.
32-34-36 Randolph St.,
CHICAGO, ILL.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of **Cut Flowers.**
All telegraph and telephone orders given prompt attention.
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Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
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Sweet Peas	.10 to .25
Lilies	8.00 to 10.00
Adiantum	.50 to 1.00
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Smilax	per doz., $1.00 to 1.50
Asparagus "	5.00 to 6.00

Full line of Field Grown Carnation Plants to offer.

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Callas, select, 1¼ to 1½-in. diam., per 100	$3.00
" " 1½ to 1¾ " "	7.00
" " 2 to 2½ " "	9.00
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" " ½ " " "	6.50

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Pansy Seed, Florists' Best, oz., $8.00	$0.25
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Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
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Tobacco Stems fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
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" colored, "	1.50
Tissue Paper, manilla, per ream	.45
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Wax " manilla, "	1.40
" " white, "	2.00
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Rubber Aprons, ea. $1.50; per doz	15.00

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	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " " "	3.50	30.00
" 4 " " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers, $20.00 per 1000.

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Pacific Nursery, SAN FRANCISCO, CAL.

GERANIUMS.. BARGAIN.... TO MAKE ROOM

Only 2,000 left. Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Marvel, Mrs. E. G. Hill, Heteranthe. Contraste, W. H. Bailey and others. All clean, strong and healthy stock. $2.00 per 100, $18.00 per 1000, or the entire lot for $30.00. All 2¼-in. pots.

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for Christmas blooming. Fine large healthy plants, 3-in., ready for 4s, $4.00 per 100.

Primroses. Red, white and mixed, 2-in., $2.00 per 100.

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New crop, prize mixture or separate, superb strain Bugnot, Cassier, Odier and Trimardeau, $2.00 per oz.

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50,000 Finest Large Flowering Fringed, per 100, $1.75; per 1000, $15.00
Obconica Grand. Fimbriata, Rosea (ready Sept. 20) and Forbesi, per 100, $2.00

ASPARAGUS { Sprengeri, $3.00 per 100. Plumosus, 4.00 "

PANSY SEED Large Flowering, per oz., $4.00.

CINERARIA, October 1, $2.00 per 100.

☞ **Cash Please.**

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15,000 Extra fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of **Asparagus Plumosus Nanus**, out of 2½-in. pots. A few thousands mixed **Roses** on hand for planting. **WRITE FOR PRICES.**

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Elegant stock. Fully characteristic. 4½-in. pots, **$25.00** per 100; 5½-in. pots, **$35.00** per 100. This is surely a bargain.

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HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

INDIANAPOLIS, IND.

E. G. Hill, of Richmond, Ind., gave an interesting description of the floral exhibit at the Paris Exposition, to the State Florists' Association, at its regular meeting in the State Capitol Sept. 4.

Mr. Hill described the new and beautiful varieties of flowers he saw during his recent trip abroad, and laid particular stress on the beauties of a rose—"Soliel D'Or." He said the flower of this rose, which was of chrome yellow hue, was fully three inches across, and that it was going to be one of the greatest additions to garden flowers that has been made during the past fifteen or twenty years. Mr. Hill paid a compliment to the handsome Malmaison carnations at the exposition, and said he saw some fully six inches across.

The association arranged for a large floral display at the State House during the month of November. Arrangements were also made for a handsome floral float to be a part of the pageant during carnival week in October. The officers of the association are: J. A. Haugh, Anderson, president; R. A. McKeand, city florist of Indianapolis, secretary; William Langstaff, Indianapolis, vice-president; J. T. Huntington, Indianapolis, treasurer.

ORANGE, N. J.

The first meeting after the summer vacation was held by the society as a "smoker" and social reunion, on September 5.

At the business meeting held before the festival it was decided to make the fall exhibition again a free testimonial to the friends of the society and the flower loving public, and the committtee was authorized to engage a larger hall in anticipation of increased material from the work of the school children, the details of which were referred to the exhibition committee with power. Pledges were received from nearly all present of active participation.

In addition to the musical and dramatic talent provided by the committee for the social portion of the evening, a lively demand for the old favorites was made and resulted in songs, "The Tinker's Weddin'" and "My Dad's Dinner Pail," by George Smith; "Bonny Dundee," by Dave Rose; "Annie Laurie," by John Hayes and "'Twas Twenty Years Ago," by the president, Peter Duff. The evening's exercises terminated only when the talent was exhausted.

JOS. B. DAVIS.

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Evergreen, Ala.
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Cheap=To Close Out.

BOSTON FERNS, $3.00 per 100; $25.00 per 1000.
ASPARAGUS PLUMOSUS NANUS, $3.50 per 100; $30.00 per 1000.
ASPARAGUS SPRENGERI, $2.50 per 100; $20.00 per 1000.
The above are nice plants from 2½-inch pots.
OTAHEITE ORANGES, from 3-inch pots, fine plants, $4.50 per 100; $40.00 per 1000.
Our Fall Trade List is now ready. Write for it.

THE GOOD & REESE CO., Springfield, O.

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FIELD GROWN Carnation Plants.

Genevieve Lord, finest commercial pink, fine plants	$12.00 per 100	Second size,	$10.00 per 100
The Marquis	12.00 " 100	" "	10.00 " 100
Ethel Crocker	12.00 " 100	" "	10.00 " 100
Mrs. Thos. W. Lawson	$15.00 per 100	Mrs. Joost	$5.00 per 100
Estelle	12.00 " 100	Evelina	5.00 " 100
50 J. Whitcomb Riley	12.00 " 100	Gomez	5.00 " 100
White Cloud	6.00 " 100	Maceo	5.00 " 100
Flora Hill	5.00 " 100	Portia	4.00 " 100
America	5.00 " 100	Pingree	5.00 " 100

Seedling No. 30, fine plants, $8.00 per 100. No. 30 is a bright pink, very free winter bloomer, averaging stems two to three feet.

SEND IN YOUR ORDER PROMPTLY. FIRST COME, FIRST SERVED.

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VIOLETS, ASP. PLUMOSUS and SPRENGERI.

	Per 100		Per 100
Asparagus Plumosus, 2¼-in.	$5.00	Violets, Farquhar, 2¼-in., free from disease,	$2 50
" Sprengeri, 2-in.	3.00	" " 3-in., " "	3.50
" " 2¼-in.	4.00	Vinca, 2¼-in., $3.00; 3-in.	5.00
Baby Primrose. 2¼-in.	4.00	" 4-in., $10.00; 5-in.	15.00
Begonia Rex, Rooted Cuttings	2.00	" Rooted Cuttings	1.25
Forget-Me-Not, " " (white)	2.00	" " " $10.00 per 1000.	

Will exchange for Carnation Plants.
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Fine plants, 5-in., $3.00 per doz.; 6-in., $4.50; 7-in., $6.00.
Chrysanthemums, ready for 6-in. pots; all leading varieties; plants dwarf and stocky; $2.25 per doz; $16.00 per 100.
Vinca, variegated, field grown, $5.00 per 100.
Carnations, $5.00 per 100; Scott, Daybreak, Abundance Albertini, Flora Hill, Portia.
Violets, California, Campbell, $4.00 per 100.
Smilax, 2½-in., $1.50 per 100.
Soupert Roses, 4-in pots, in bud and bloom, $10.00 per 100.

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CELERY PLANTS. Pink Plume, New Rose and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

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PARSLEY. Extra strong plants, 25c per 100; $1.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Celery and Lettuce; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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Wholesale Florists,

RICHMOND, INDIANA.

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COLEUS, 60c per 100.
AGERATUM, Princess Pauline, 60c per 100.
Nice healthy stock. Express prepaid.

F. E. BONHAM, - - MACOMB, ILL.

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30,000 Field-Grown Carnations.

Extra fine, large and well shaped plants. Varieties—**Flora Hill, Evelina, Daybreak, Triumph, Victor, Red Jacket, Albertini, Tidal Wave, Genesee, Joost and Meteor**—Price **$5 00** per 100. **White Cloud**—**$7.00** per 100. Special quotations on large quantities.

P. R. QUINLAN,
904 WEST GENESEE STREET,
SYRACUSE, N. Y.

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Asparagus Plumosus Nanus,

Strong plants, from 2½-in. pots, ready for a shift. $5 00 per 100.

ASPARAGUS SPRENGERI, large field-grown clumps, first size, to be potted into 6-in. and 7-in. pots $10.00 per 100. Second size, for 5-in. pots, $6.00 per 100.

BEGONIA REX, fine stock in 3-in. pots ready for a shift, in good assortment, $6.00 per 100.

CYCLAMEN, strong bushy plants in 2½-inch pots, finest strain, three colors, $4.00 per 100.

CHINESE PRIMROSES, Globosa type, best strain grown. White, pink and red, 2¼-in. pots, $2.50 per 100; 3-in. pots, extra strong, $5.00 per 100.

BABY PRIMROSE, extra fine, from 2½-in. pots, ready for shift, $4.00 per 100.

Nathan Smith & Son, Adrian, Mich.

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8,000 new and standard var. Strong roots and healthy. Send 50c for sample and prices.

1,000 PRIMULAS.....

Strong, 2½-inch, $3 00 per 100. Named var.

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403 Main St., PEORIA, ILL.

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Field-Grown Carnation Plants.

READY FOR IMMEDIATE SHIPMENT.

	Per 100	Per 1000		Per 100	Per 1000
Olympia	$12.00	$100.00	Gen. Maceo, extra size	$8.00	$75.00
The Marquis	12.00	100.00	" second size	5 00	40.00
Red Bradt	8.00	75.00	Gen. Gomez	5.00	40.00
Mrs. Jas. Dean	6.00	50.00	Mrs. G. M. Bradt, selected	8.00	75.00
G. H. Crane, extra selected,	8.00	75.00	Wm. Scott	5.00	40.00
" " second size	6.00	50.00	L. McGowan	5.00	40.00

5 per cent. discount if cash is sent with the order.

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4 Acres Field-Grown Carnation Plants, 120,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE BUTTERCUP G. M. BRADT
$1.50 per doz.; $8.00 per 100.

CRIMSON SPORT ARMAZINDY JUBILEE ELDORADO DAYBREAK WHITE CLOUD MELBA MAUDE ADAMS TRIUMPH
$1.25 per doz.; $6.00 per 100.

McGOWAN L. L. LAMBORN SWEET BRIER METEOR FLORA HILL PORTIA MRS. FISHER ALBERTINI WM. SCOTT DOROTHY SWEET C. A. DANA
$1.00 per doz.; $5.00 per 100.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring or freedom of bloom by any other grown. Price 50c per 100; $4.00 per 1000.

J. L. DILLON, - - BLOOMSBURG, PA.

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STRONG FIELD-GROWN CARNATIONS.

Melba, G. H. Crane, Mrs. F. Joost, White Cloud, America, } **$5.00 per 100.**

	Per 100
5000 Mixed Geraniums, 2¼-in	$1 50
2000 Named " "	2.00
5000 Chinese Primroses, white, red, pink and blue 2¼-in	2.00
2000 Mixed Begonias	1.50
1000 Red Vernon, 2¼-in	1.50
1000 Erfordi, 2¼-in	1.50
1000 Asparagus Sprengeri, 3-in	6.00
500 Nice Rex Begonias, 4-in	10.00
Calla Bulbs, 1½-in	7 00
Mixed Ferns (strong plants) 4-in	10.00

Pansy Seed, Giant and Fancy Mixed, $4.00 per oz.

The Morris Floral Co., - Morris, Ill.

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Let Us Figure on Your Wants.

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Field-grown **MARQUIS,**
First, $15.00; Second, $10.00.

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Brooklyn, N. Y.

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Very respectfully,
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Send for prices on 35 best new and standard varieties.

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Ageratum Princess Pauline, 60c per 100. Nice healthy stock. Express prepaid. F. E. Bonham, Macomb, Ill.

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P. Major and A. Nana, 2 in. pots, $1.50 per 100. Cash. C. A. Harris & Co, Delanson, N. Y.

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Giant Sweet Alyssum and Variegated Alyssum, 2 inch pots, $1.50 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

2000 double sweet alyssum, bushy, for winter, $2.50 per 100. Cash, please. Benj. Connell, West Grove, Pa.

Giant double alyssum, 3-in. pots, $3 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

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20 Araucaria Excelsa. Specimens, 4 to 5 ft. high, 7 to 10 tiers, $4.00 each. The lot, if taken at once, $70.00. Cash, please. Richard H. Kidder, Waltham, Mass.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

A. plumosus nanus, strong plants from 2½-in. pots, $5.00 per 100. A. Sprengeri, large field-grown clumps, first size, to be potted into 6 and 7-in. pots, $10.00 per 100; second size, for 5-in., $6.00 per 100. N. Smith & Son, Adrian, Mich.

Asparagus Plumoaus Nanus. First-class, extra fine stock, for use at once. 2¼-in., strong plants, per 100, $3.50 and $4.00. 3 in., strong plants, per 100, $5.00 and $6.00. Terms cash. W. C. Bryfogle, Bloomsburg, Pa.

A. Sprengeri, 6-in. pots, heavy, $4.00 per doz.; $25.00 per 100; 5-in., $2.50 per doz.; $15.00 per 100. Cash with order, or 25 per cent if C O. D. A. Nelson, Box 1450, Paterson, N. J.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100, $20.00 per 1000. Nice plants from 2½-in. pots.
Good & Reese Co., Springfield, O.

Asparagus plumosus nanus. Heavy 10 ft. strings 50c per string. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

Plumosus nanus, strong plants, 3-in. pots, $8.00 per 100. Cash with order. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Tenuissimus Nanus, 3-inch, $5.00 per 100; strong, 3½ in., $8 per 100. Jno. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

1500 Asparagus Plumosus Nanus, 3-in. pots, fine, $10.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

A. Sprengeri, 2-in. pots, $2.00 per 100. Cash with order. Mrs. E. Kuntz, 352 So. 1st St., Frankfort, Ind.

A. Sprengeri, 2-in. $3.50, 2½-in. $4.00, 3½-in. $5.00 per 100. Cash. Roney Bros., West Grove, Pa.

Plumosus, 2½-in., $5.00 per 100. Sprengeri, 2½-in., $4.00 per 100. The National Plant Co., Dayton, O.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
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A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros. Springfield, Ohio.

Sprengeri, 6-in., 20c; 5-in., 15c. Cash, please. Benj. Connell, West Grove, Pa.

A. Sprengeri, strong 2½-in., 5c. South Side Floral Co., Springfield, Ill.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

1000 A. Sprengeri, 3-in., $6.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

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Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonias, 2000 mixed, 1000 Red Vernon, 1000 Erfordi, 2¼-in., $1.50 per 100. 500 nice Rex, mixed, 4-in., $10.00 per 100. Morris Floral Co., Morris, Ill.

We are headquarters for Rex Begonias. Fine stock from 2-in. pots, $4.00 per 100; 4-in., $1.00 per doz.
G. R. Gause & Co., Richmond, Ind.

Begonia Rex (rooted cuttings), in 15 vars., mixed, $1.50 per 100; assorted, $2.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

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600 Solanum Jerusalem Cherry. Bushy and well fruited, from ground. $10.00 and $15.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

Ardisia Crenulata, fine, strong plants from 2-inch pots, ready for a shift, $5.00 per 100. Cash, please. R. G. Hanford, Norwalk, Conn.

BROWALLIA.

Browallia Gigantea (True), 2½ in. pots, $3.00 per 100. Rooted cuttings, $1.50 per 100. Henry Eichholz, Florist, Waynesboro, Pa.

BULBS.

California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100 $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs. F. Ludemann, Pacific Nursery, San Francisco, Cal.

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Early White Roman, select, 12-15 cm.	$1.85	$17.00
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Dutch Hyacinths: Extra size, separate colors, doz., 60c; 100, $4.50; 1000, $40.00. A grand lot of named sorts, all popular florists' varieties, doz., $1.00; 100, $6 to $7.

Miniature or Dutch Romans. 11-12 cm., in named sorts or separate colors, doz., 40c; 100, $2.75; 1000, $24.00 up. Produce flower spikes equal to 2nd size hyacinths. Great for growing in pans for Xmas.

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Paper White, Giant Flowering, 1st size	$1.00	$9.00
Paper White, Giant Flowering, 2d size	.85	7.50
Early Double Roman, fine forcer	1.00	8.00

	Doz.	100	1000
Golden Sun, orange cup	$0.25	1.75	14.00
Trumpet Major, favorite forcer	.20	1.00	8.50
Von Sion, Dutch, grown, XXX, giants	.40	2.00	17.00
Von Sion, Dutch grown, XX, select	.30	1.60	14.00
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Mixed Trumpet Narissus, choice	.20	1.00	8.00

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Mrs. Thos. W. Lawson	$15.00 per 100	
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White Cloud	6.00	"
Flora Hill	5.00	"
America	5.00	"
Mrs. Joost	5.00	"
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Gomez	5.00	"
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Cut spikes of gladioli, balance of season. John Fay Kennell, Box 405, Rochester, N. Y.

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Grevillea for fern dishes, 3½-in., $5.00 per 100. Shellroad Greenhouses, Grange P. O., Baltimore, Md.

500 Grevillea Robusta, 3 in., per 100, $5.00, per 1000, $20.00. Terms, cash. W. C. Bryfogle, Bloomsburg, Pa.

HARDY PLANTS.

Collected Seedlings. Am. Linden, Am. Beech, Maple Sugar, Scarlet Maple, Magnolia acuminata, Magnolia tripetela, White Flowering Dogwood, Yellow Wood, Leather Wood, Spice Wood, Sweet Gum, Tulip Poplar, Red Bud, Water Beech, Hackberry. Please ask for prices on all kinds of tree and shrub seeds and seedlings. Taylor Perry, Jr., & Co., Roleta, Tenn.

American Tree Seeds. Our descriptive catalog of American seeds is just out. Ask for it and secure trade discount on advance orders. Our folder, "How to Make Tree Seeds Grow," free with every order. Pinehurst Nurseries, Pinehurst, N. C. Otto Katzenstein, Mgr.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Andorra Nurseries. Red and pin oaks, 10 to 14 feet; hemlocks, 4 to 6 feet. Transplanted specimen trees. William Warner Harper, Prop., Chestnut Hill, Philadelphia, Pa.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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Hollyhock. Double White, Red, Pink, Yellow and Allegheny, mixed, large plants, July sowing, 75 cents per 100; 5.00 per 1000. J. C. Schmidt, Bristol, Pa.

Field-grown, Scotch Hardy Pinks, at $3.50 per 100; $30.00 per 1000. 6 varieties. The National Plant Co., Dayton, Ohio.

Send for trade list, now ready, of tree and shrub seeds, tree seedlings, etc. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

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Otaksa, Red-Branched and Thos. Hogg, magnificent, strong plants with 4 to 7 crowns, $10.00 per 100; $85.00 per 1000. Jackson & Perkins Co., Newark, New York.

1000 Hydrangea Otaksa. Fine plants, from ground, 2 to 9 branches, $10.00 to $25.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

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English ivy, 2½-in. pots, 10-in. vines, $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

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Cape Jasmine, 4-in., pure white flowers the year round, $1.50 per doz.; $10.00 per 100. Cash.
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Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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Otaheite oranges from 3-in. pots, fine plants, $4.50 per 100; $40.00 per 1000.
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Arrived fresh from the woods in fine condition, Laelia crispa, L. flava, L. grandis tenebrosa, L. Perrinii, Oncidium varicosum Rogersii, Cattleya Percivalliana, C Mossiae, Laelia anceps and L. autumnalis.
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Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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We offer 24 fine named varieties of paeonies in 500 or 1,000 lots at $75.00 per 1000.
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Home-grown palms, free from insects and disease. They cannot fail to give satisfaction.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24	$12.00	$100.00
3 plants	8	30	30.00	.....
3 plants	8	36	36.00	.....

KENTIA BELMOREANA.

Inch pots.	leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$4.50	$35.00
6	6	24	15.00	125.00
6	6-7	26	18.00	150.00
			Each.	
8	6-7	30-32	3.00	.....
8	7-8	36	4.00	.....

KENTIA FORSTERIANA.

Inch pots.	leaves.	Inches high.	Per doz	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Fine Palms. Kentia Belmoreana and Forsteriana—4 in. pots, $35.00 per 100; 5 in. pots, $50 to $75 per 100; 6 in. pots, $1.00 to $1.25 each; 7 in. pots, $1.75 to $2.00 each; larger plants, from $2.50 upwards. Phoenix reclinata, 4 in. pots, $20 per 100; 5 in. pots, $40 per 100; 6 in. pots, 35c. each; 7 in. pots, $1.25 each; specimen plants, $2.00 and upwards. Areca Lutescens, 3 in., $15 per 100; 4 in., $25 per 100. Latania Borbonica, 4 in., $20 per 100. John Bader, Troy Hill, Allegheny, Pa. L. D. Telephone 872A.

Sago Palms. Fine stock, $3.00, $4.00 and $5.00 per doz. Latania Borbonica, 3-in., good stock, $10.00 per 100; 4-in., very fine, ready for 6-in., $20.00 per 100; 5-in., full character lvs., $5.00 per doz.; 6-in., fancy stock, $9.00 per doz., all clean and in the best of shape. Cash.
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Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Phoenix canariensis, elegant stock. 4½-in., $25.00, 5½-in., $35.00 per 100. This is surely a bargain. J. B. Heiss, Dayton, Ohio.

1200 Kentia Belmoreana, 3 to 5 in. pots. $15.00 to $50.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Palms from 10c to $25.00 each.
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For Pansy Seed see under heading "Seeds."

Pansy Plants. Giant, fine mixed, very strong, per 1000, $3.00. Orders not solicited for less than 5000. Special prices on 10,000 or more, buyer to pay express charges. John Lappe, Maspeth, L. I., the largest pansy grower in America.

50,000 pansies. Choice, large-blooming strain, strong and stocky, plants grown thinly in open field. Mixed colors, prepaid by mail, 60c per 100; by express, $4.00 per 1000. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Herr's pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100, 250 for $1.50, 500 for $2.50; by express at your expense $4.00 per 1000. A. M. Herr, Lancaster, Pa.

Pansies. My strain is good and embraces a wide range of colors and varieties, 60 cts. per 100 by mail; $3.50 per 1000 by express. Cash with orders, please. W. C. Jennison, Natick, Mass.

Pansy Plants. Cassier and Trimardeau, large flowering, 35 cts. per 100; $3.00 per 1000. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

Pansies. Strong plants ready now. Strain remarkable for size and color of bloom. By mail 50c per 100; by express $3.00 per 1000. E. Fryer, Batavia, Ill.

Pansy plants. Good, strong, plants ready to set out, of the finest mixture, at $3.50 per 1000. A. Wenisch, Duncombe Ave., Williamsbridge, N. Y. City.

Pansy plants, which for size, beauty of coloring and freedom of flower are unsurpassed, 50c per 100; $4.00 per 1000.
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Pansy plants worth raising, 500 for $2.50; 1000 for $4.00. F. O. B. express here. Cash. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

Zirnglebel's Giant pansy plants now ready, Giant Market $5.00, Giant Fancy $10.00 per 100. Denys Zirglebel, Needham, Mass.

100,000 pansies. Roemer's superb prize, good bushy plants, per 100, 50c; per 1000, $3.00.
S. T. Danley, Macomb, Ill.

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A grand stock of Chinese Primula plants from selected large flowering strains, ready now. From 2½-in. pots, separate colors, semi-double flowers, $5.00 per 100; $40.00 per 1000. Separate colors, single flowers, $4.00 per 100; $35.00 per 1000. All colors mixed, $3.50 per 100; $30.00 per 1000. Cash or references.
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Improved Chinese out of 2-in. pots. Well known as the finest, large-flowering fringed variety grown. Singles, named vars., in choice mixture, $2.00 per 100; $17.00 per 1000; Doubles, $3.50 per 100. Extras added to help pay expressage. J. F. Rupp, Shiremanstown, Pa.

Primula Chinensis. In six colors, mixed, strong plants, out of 2 in. pots, $2.00 per 100. Out of 3 in. pots, $3.00 per 100. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

Chinese primroses. Globosa type, best strain grown. White, pink and red, 2¼-in., $2.50 per 100; 3-in., extra strong, $5.00 per 100. Baby primrose, extra fine, 2½-in., $4.00 per 100. N. Smith & Son, Adrian, Mich.

Chinese primroses ready for 4-in. pots, finest, large-flowering fringed, $2.50 per 100. Primula obconica, in bloom, $3.00 per 100. Cash with order. E. Nagel & Co., Minneapolis, Minn.

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Chinese Primroses (fringed), single and double, in the finest market vars., from 2¼ in. pots, $2.50 per 100. Paul Mader, East Stroudsburg, Pa.

Chinese primroses, 2¼ and 2½-in., $2.00 per 100; 35o per doz. Forbesi, magenta red, per 100, $5.00. Cash.
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Finest, large-flowering, single, mixed fringed, Chinese primroses ready for 3-in., $2.00 per 100. Cash. W. G. Richardson, Bennington, Vt.

Baby primroses, out of 2½-in. pots, ready for 4-in., $2.00 per 100. Henry Eichholz, Waynesboro, Pa.

1000 primulas, named varieties, strong 2½-in. $3.00 per 100. J. C. Murray, 403 Main St., Peoria, Ill.

Red, white and mixed, 2-in., $2.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Chinese primroses, large-flowering, 2¼-in., $2.00 per 100. J. W. Miller, Hatton, Pa.

Baby primrose, 2¼-in., $4.00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Baby primrose, 2 and 2¼-in., $2.50 per 100.
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Baby primrose, 2½-in., $4.00 per 100. Cash.
Roney Bros., West Grove, Pa.

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Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000. Liberty: 12 plants for $7.20, 25 for $12.50, 50 for $15.00, 100 for $28.00.
Wood Bros., Fishkill, N. Y.

Field-grown, Own-root Roses. All the best sorts, tender and hardy. Our solicitor will visit you and make prices, regardless of where you live or quantity you want, if you will drop us a card at once. The Howland Nursery Co., Los Angeles, Cal.

CLOSING OUT SALE. Kaiserins, Golden Gates, Brides, Bridesmaids and Perles from 3-in. pots, $2.00 per 100; $18.00 per 1000. Must close out; need benches. Mrs. J. W. Crouch, Chattanooga, Tenn.

Brides, Meteors, Maids, Perles and Golden Gate, out of 3 and 3½ in., 3c. Crimson Rambler, field-grown, canes 3 and 4 feet, $10.00 per 100. Cash. South Side Floral Co., Springfield, Ill.

I shall have a few hundred extra good Bridemaids, 3-in., at $5.00 per 100. Good stock, clean and nice. Cash with order. Jos. Bradbury, Irvington Ave., South Orange, N. J.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

An immense stock of H. P. Roses. All the new varieties. Crimson Rambler, White Rambler. Write for special prices.
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Extra healthy stock. Per 100: American Beauties, 3½ and 4-in. $5.00, 3-in. $3.00; Bride, 4-in. $5.00; Meteor, 3½-in. $3.50. Brown & Canfield, Springfield, Ill.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
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3000 surplus, extra strong Brides and Maids, 3-in., $2.00 per 100. F. H. Kramer, 423 Center Market, Washington, D. C.

Rose plants in variety, from 2½, 3 and 4-inch pots. Write for prices. The National Plant Co., Dayton, O.

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Crabb & Hunter, Grand Rapids, Mich.

1800 Brides, 300 Maids, 3-in., $4 per 100. Cash with order, please.
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Hardy roses in great variety.
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Do you want to see satisfactory results? Give us a trial. You will remain with us. We offer, for seasonable planting: Kentia Belmoreana or Forsteriana, fresh 1900 crop, 100 seeds, postpaid, 75c; 1000, $4.00; 5000, $17.50. Smilax seed, fresh crop, pkt., 10c; oz., 25c; lb., $2.50. Cyclamen Persicum Giganteum, brilliant colors, mixed, 100 seeds, 60c; 1000 seeds, $5.00. Pansy seed. We pride ourselves on the quality of ours. We offer separate or mixed, Bugnot, Odier, Cassier, Trimardeau, 1000 seeds, 25c; 5000 seeds, $1.00. Also any known color, separate or all sorts mixed, at same price. 5 per cent. cash discount on above list for one week.
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Z. Christmas is the sweet pea for forcing. It begins to bloom in Sept. and flowers continuously all winter up to June; grows only 4½ ft. high and produces flowers on stems 15 inches long; color similar to that of Blanche Ferry. All seed is from selected plants grown inside and I will guarantee it to flower all winter. Price: per lb., $10.00; oz., $1.50. Cash with order. Ant. C. Zvolanek, Grand View, Somerset Co., N. J.

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Serenoa surrulata.....	$0.20	$0.50	$2.00
Sabal palmetto	.20	.75	2.50
sabal longipedunculata...	.20	.50	2.00
Thrinax argentea	.20	.50	2.00
Zamia integrifolia	.20	.50	2.00

Soar Bros., Little River, Fla.

Pansy Seed. Barnard's Florist's Mixture, trade pkt., 25c, ⅛ oz., $1.00, ¼ oz., $4.00, 1 oz., $7.00. Giant Mixture, trade pkt., 25c, ⅛ oz., 50c, 1 oz., $4.00. A full assortment of separate colors ready now. W. W. Barnard & Co., 161 E. Kinzie St., Chicago.

Cyclamen seed. Importation just received. Crop harvested May and June this year. The finest strain for florists' use, composed of all the newest and latest shades and productions. Write for our midsummer seed list.
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Pansy seed, large flowering, per oz., $4.00. Cash please.
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String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Strong 2-in. smilax, $1.25 per 100; $10.00 per 1000. 3-in., ready to run, very strong, $3.00 per 100. C. Humfeld, Clay Center, Kan.

From 2 and 2½-in. pots, fine, healthy plants, $7.50 per 1000; 90c per 100. Cash. R. Kilbourn, Clinton, N. Y.

1000 Smilax, 2¼ inch, per 100, $2.00; per 1000, $18.00. Cash. W. C. Bryfogle, Bloomsburg, Pa.

2000 fine, bushy, 2½-in. smilax, $1.50 per 100. Cash, please. Benj. Connell, West Grove, Pa.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, 2½-in., $1.50 per 100. Converse Greenhouses, Webster, Mass.

Smilax, 2¼ inch pots, $2.25 per 100. Cash.
E. J. Cloud, L. B. 32, Avondale, Pa.

Smilax from 2-in. pots, $1.25 per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, 2¼-in., $1.50 per 100.
Jos. E. Bonsall, Salem, Ohio.

SPIRAEA.

Spiraea, A. Waterer, field-grown, 10 inches high, $6.00 per 100; same from 2½-in. pots, $3 00 per 100. Caryopteris (blue spiraea), field-grown, 2 ft. high, $5.00 per 100; same from 2½-in. pots, $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

VEGETABLE PLANTS.

Cabbage plants. H. Succession, Early and Late Flat Dutch, 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Celery. Pink Plume, New Rose and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Lettuce. Grand Rapids, Curled Simpson and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley. Extra strong plants, 25c per 100; $1.50 per 1,000. If by mail add 10c per 100 on cabbage, celery and lettuce and 25c per 100 on parsley. Cash with order. R. Vincent, Jr. & Son, White Marsh, Md.

Best transplanted celery plants, stocky, well-hardened, just right for late setting, to close out at $1.00 per 1,000; $8.50 per 10,000. Cash. The varieties are White Plume and Boston Market. Samples free. R. Kilbourn, Clinton, N. Y.

Gardiner's true Lorillard tomatoe plants for winter fruiting, $3.00 per 100. Cash. Roney Bros., West Grove, Pa.

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Lemon verbena, 3-in., $4.00 per 100. The National Plant Co., Dayton, O.

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VINCAS.

Vincas, 2¼-in. $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
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500 variegated vincas. Strong field-grown plants, vines 3 to 5 ft. long, $10.00 per 100. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

20,000 vincas, 3 colors. Will make fine plants for spring sales. Sample for postage stamps. Chas. A. Juengel, 1837 So. 14th St., St. Louis, Mo.

Vinca, variegated, field-grown, $5.00 per 100. Converse Greenhouses, Webster, Mass.

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10,000 2½ inch pot plants, Marie Louise, L. H. Campbell, and Swanley White, $3.00 per 100, from 2½ inch pots, clean. Also California and Luxonne, from flats, $1.50 per 100. 10,000 Field Clumps, fine. Princess Wales, $6.00 per 100; L. H. Campbell and Luxonne, $5.00 per 100; California, $3.00 per 100. Cash, please.
Benj. Connell, West Grove, Pa.

Lady Campbell, fine clumps; field-grown; clean and healthy; grown from young cuttings rooted in sand last spring, $3.00 per 100; $25.00 per 1000. Will send plants that will please. Well packed.
Chas. Black, Hightstown, N. J.

Lady Campbell, from pots, $2.50 per 100; $20.00 per 1,000; from 3 and 3½-in., $4.00 per 100; $35.00 per 1,000. Field-grown Marie Louise and Lady Campbell, $4.00 per 100; $35.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Marie Louise, strong, field-grown clumps, perfectly healthy, $4.00 per 100; $35.00 per 1000. Cash, please. Home-grown, equally as healthy, 50c per 100 less. Samples, 10c.
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Violets, large field-grown plants of California, Princess of Wales and a few Campbell, in fine condition. Sample, 10c.
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Marie Louise, extra fine, field-grown and perfectly healthy stock, $4.00 per 100. Cash with order. Samples free.
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Healthy field-grown clumps. Imperial, $6.00; Swanley White, $4.50; Campbell, $4.00; California, $3.50 per 100. Cash. Roney Bros., West Grove, Pa.

Farquhar violets, free from disease, 2¼-in., $2.50, 3-in., $3.50 per 100. Cash.
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5000 violets, Princess of Wales, field-grown. Write for prices before placing your orders. W. T. & F. P. Butz, New Castle, Pa.

Field-grown. Farquhar, Marie Louise and California, $3.00 to $5.00 per 100. Good stock. Frederick A. Taylor, Canastota, N. Y.

Campbell, field-grown clumps, $3.00 per 100; 2½ in. pots, $2.50 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

Farquhar, 3-in., fine, healthy stock. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Marie Louise violets from 2½ and 3-in. pots, $2.50 to $3.00 per 100; $25.00 to $30.00 per 1000.
A. S. MacBean, Lakewood, N. J.

California, Campbell, $4.00 per 100. Converse Greenhouses, Webster, Mass.

MISCELLANEOUS PLANTS.

Carex japonica variegata, an excellent decorative grass, extra strong plants, 2½-in., $5.00 per 100. N. Smith & Son, Adrian, Mich.

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Chrysanthemums. The best varieties for pot plants, in good healthy condition, first-class in every way, in 4 and 5-in. pots, will exchange for field-grown carnations. D. E. Gorman, Williamsport, Pa.

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Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton. Albert M. Herr, Lancaster, Pa.

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W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Cefrey Letter Co., 446 Tremont St., Boston.

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Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,
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Bronze galax leaves, $1.25 per 1000, every leaf guaranteed. Try a sample 50 for 10c in stamps delivered free. American Rose Co., Washington, D. C.

Bronze galax leaves delivered anywhere in U. S. for $1.50 per 1000. Write for particulars to Lillian Allen Dexter, Washington, D. C.

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Parlin & Orendorff Co., Canton, Ill.

Bateman Mfg. Co., Grenloch, N. J.

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Every florist ought to insure his glass against hail. For particulars address John G. Esler, Sec'y, Saddle River, N. J.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

"Greenhouse Putty" (trade mark) for Florists. T. H. Nevin Co., Allegheny, Pa.

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Greenhouse glass a specialty, Sprague, Smith Co., 207-209 Randolph st., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

Baur Window Glass Co., Eaton, Ind.

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Send for descriptive circular of the best florists' hose nozzel on the market.
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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

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Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

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The Finley Rotary Lawn Rake in Operation.

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To be applied with a bulb The only Putty made to work this way for green house sash.

One gallon, 20 lbs.

Has been used by florists in this city for years. Try it and you will use no other.

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PIPES, FITTINGS AND VENTILATING APPARATUS
FOR GREENHOUSE BUILDING

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G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

520-538 Caxton Building, Chicago,

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Now is a good time to secure a copy of the Florists' Manual, by William Scott. You need it in your business. It is a book that will help you to save money and to make money. You cannot expend $5.00 in any better way. It is the best business investment you can possibly make. Start the new season in the right way—Mr. Scott's way. Let us have your order now.



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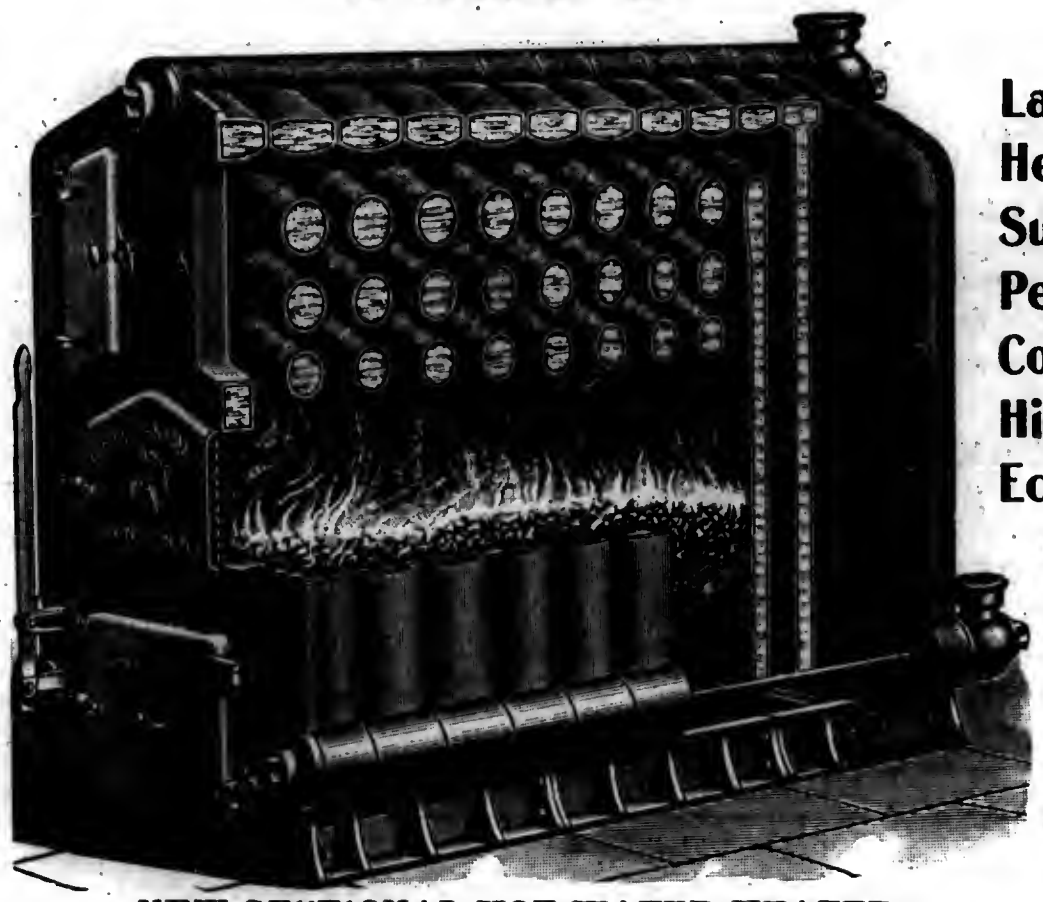
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Will heat up to 16,500 feet of glass.



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Large Heating Surface, Perfect Combustion, Highest Economy, Moderate Cost.

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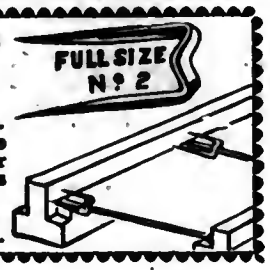
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BROOKLYN, N. Y., March 23, 1900.

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Yours very truly, Signed, JOHN SCOTT.

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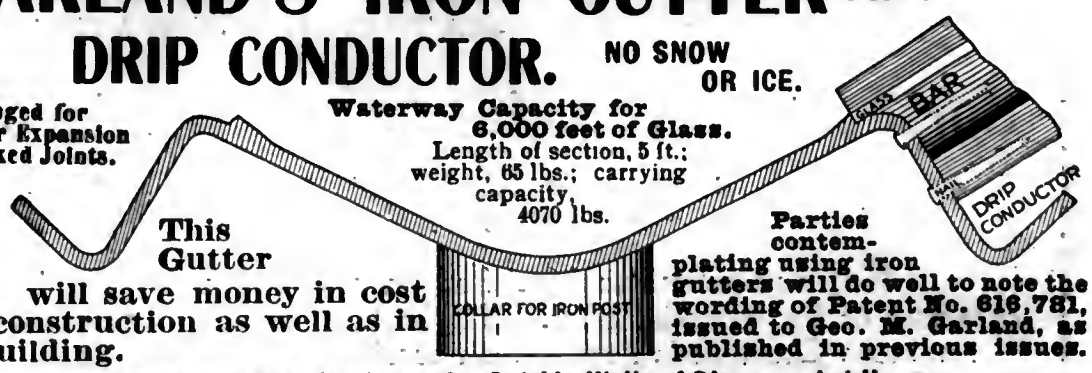
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, SEPTEMBER 20, 1900. No. 147.



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SEED.....	3-16 oz	$1.00
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PLANTS	500	2.50
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Everything First-Class.

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Select Stock in
Special Summer Roses, Orchids, Valley, Gardenias, etc.

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FRESH FERN SPORES.

WE ARE HEADQUARTERS—Extra large package of fresh spores, sufficient for 3000 plants, with full cultural directions, postpaid for $1.00. Collection of 12 distinct varieties, each separate, $5.00.

EMERSON C. McFADDEN, - U. S. Exotic Nurseries. - SHORT HILLS, N. J.

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THE VAIL SEED CO., Indianapolis, Ind.

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FERNERIES and JARDINIERES,
WHEAT SHEAVES and IMMORTELLES.

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Giant Market, $5.00 per 1000; Giant Fancy $6.00 per 1000. Also Seed of the above strain at $1.00, trade packages.

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FOR PARTICULARS ADDRESS
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Telephone 733 18th St.

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WIRE DESIGNS

Importers and Dealers in **Florists' Supplies.**

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Laurel Festooning 4c to 6c per yard. Best of goods always on hand.

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WHOLESALE GROWER OF

Pandanus Veitchii and Boston Ferns,

See page 427 of the Review of Sept. 6 for prices.

Upsal Station, Penna. R. R. **GERMANTOWN, PA.**

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THE RETAIL FLORIST.....

Violets.

Violets have appeared on the New York market, but they are puny little representatives and unfit for use. There will be none of these flowers worth considering until about the middle of October, which is time enough. The plants look elegant at present. There are a great many more being grown and prospects are bright.

There are many men who have been violet growers for years and have yet much to learn about the bunching and shipping. A violet is of little use unless it is sweet. It is the most susceptible flower in cultivation. The indifferent or most likely ignorant grower pays little attention as to how his product reaches the market. He puts them into any old sort of box and off they go. His are the violets peddled on the streets, in many cases his wholesaler returns more than he gets for them just to keep his ventilator shut, and in consequence the man imagines his products are good.

We have visited growers and watched them bunch violets in an atmosphere permeated with all manner of smells; that accounts for the large amount of repugnancy surrounding them soon after they reach your store. Retailers should see to it now that proper arrangements are made for the careful handling of such flowers. Instead of growers rushing their early flowers to market, they should put them into the boxes which have been lying about since last season and get them sweetened. Have them use purple string for tying, and wax paper is best to retain fragrance; change paper as seldom as possible. The best box is unpainted cedar.

It is very often the case that the great majority of violets seen on the market are almost entirely devoid of sweetness and if you have first class trade you no doubt know what this means, therefore don't you think that it is wise to try to get your goods sent to you in good shape? If the grower won't get decent boxes have them made for him; you can save the price in one good shipment. There is one thing worth consideration, that if any particular flower, such as violets, form an important item in the daily menu of your business, then they are worth planning to get in good condition.

Little confidences between producer and disposer may often result in great good to both, and no man is so thick skinned that gain or loss does not affect him. Impress the grower with the fact that the ordinary life of violets in the store is ten hours, and with the vast majority it is less than five; after that time it is almost an impossibility to dispose of them honestly. Therefore to buy many violets is a big risk, and this risk can be lessened considerably by the grower being willing to enjoy less of the violets' fragrance at home. Violets should be in the hands of your customers within 12 hours after being picked. Two shipments should be made, one reaching you between 7 and 8 a. m., the other at 4 p. m.; in this way you have them fresh for morning and luncheon and dinner and theater. Customers knowing what time they reach you will order accordingly.

There are many devices adopted in the stores for displaying violets and helping them retain their selling quality. A very cold ice box is a bad place for them, and water extracts the fragrance. We have tried many ways and find that the best one is to have neat plain growers' boxes and leave them in them just as they come from the grower. We have had dealings with all the wealthiest people in New York and never yet found one of them who did not enjoy looking into a plain box filled with violets just as they came from the grower; in fact it has been our experience that the best people have more confidence in goods kept in this manner than in those displayed in window or ice-box.

There are retailers who must have everything fancy, and with a view to catering to this class a new violet basket has been manufactured. It has the appearance of a wicker table painted white, the lids open from the center, the inside is lined with zinc. It is quite a pretty ornament in the store and the few who used it last season speak highly of it.

There are but few of you who have not some violet pasteboard boxes left from last season, and before you use them it will be wise for you to take off the lids and put them where the fresh air will clear away the musty or pasty smell they are sure to have. We cannot too strongly emphasize the fact that violets require everything pure and sweet. The tinfoil so many plaster around their stems is perhaps the greatest enemy to them and your trade. It is best for you to have the courage to inform your customer that tinfoil is poisonous and kills the sweetness of violets, or that it is not good taste to use it, which is absolutely correct. Or if some insist on using it, then spread it out where the wind will scatter a portion of its leaded fumes.

The very latest in ladies' dress material is made of the new silk "Pan." This promises to be very popular and it will be well to use very narrow ribbon of the same material on your violets. Ladies appreciate your being up to date on ribbons. Nothing cheapens a flower like the violet as much as a cheap ribbon; either have it good or have none at all; much of the narrow gauze ribbons used last season looked so much like a mixture of cotton and linen that very few wore them and many of the tasseled cords had the appearance of miniature hausers. This year smaller and richer trimmings will be used. The most important of all of course will be to always have fine sweet flowers.

The best box out so far is the deep violet color with telescope lid. Violet tissue paper will be greatly used, and wax paper when they are to be shipped or kept in the box any length of time.

Help.

It is useless to mourn or worry over the condition of trade. If it be poor at this time of the year it will change for the better in due time. Might just as well be pleasant and consider things philosophically. Assure yourself that your preparations are faultless. Good help is more important than good stock in many ways, and they who do anything like a prosperous business should see to it that they have the best assistance available, and when you succeed in getting a good artist or salesman, treat him as he deserves to be treated. We have known many retailers who when a dull day or two comes along, walk up and down the store as if they were fighting against the world or walking on the brink of some terrible abyss. They scowl at everything and everyone, and are not satisfied unless making all their help victims of their spite and smallness. Such people don't deserve decent burial.

It is hard to try and convince one's self that there is some kind of clay living who cannot see the difference between a piece of machinery and the human being, but a study of the matter will come pretty near convincing you of its truth. Life is too short to be of that class. A well regulated store with help willing to meet every emergency is the best to aim for; the time often comes when good feeling between employer and employe is mighty valuable, and the jewel is worth protecting.

Plants.

The trade auction sale of plants has become quite popular in the vicinity

of New York. The large growers invite the crowd out to their own places and sell off the poorest or "stagers" of their stock, but in almost all cases some fine stock is offered and can be got cheaply. As we have stated before those having greenhouses can often pick up bargains at these early fall auctions, but we have seldom seen good results come from them to the average storekeeper. Don't throw away money on cheaply grown stock; better for you to be particular in selection and in quality; the people are becoming more critical, and it is with plants as with flowers, get the best you can. To be sure there are cases where competition compels attention and perhaps it is necessary to handle cheap stock, but even in such cases it is best to display both grades and you will find the best wins most of the time.

Tall kentias are scarce and consequently are away up in price. The small and medium sizes are plentiful, but big prices will be asked for them when cold weather sets in. It will be wise for you to do some "shopping" before finally placing your order for plants. "Made up" plants will be popular again this season. It is better to have your grower do those intended for special customers, and the matter should be attended to at once in order that they may become somewhat established before they are required. Have the plants furnished well down to the pots. People are beginning to ask about their "boarded plants." See that they are well cleaned before you send them back.

Pot grown ivy will be an important item for many in the near future. You are apt to find them not over plentiful, but they are worth going to considerable trouble to get in preference to the field grown. In like manner, and in many other ways too, pot grown Euonymus radicans and the variegated form could often be used to great advantage for boxes and vases. The trouble with much of our business is that a thing is never thought of until it is wanted and then it is most often too late. The business is one continuous round of preparation.

There has not been much seen in the way of window decoration so far. One store is making a specialty of porcelain swans; they may be in demand again this winter.

Seasonable Flowers.

The principal flowers seen are the aquatics, tritomas, gladiolus and hydrangeas. During the convention we were surprised to learn from many of the western delegates that Hydrangea paniculata grandiflora, that is good large trusses, were scarce out there. Here we have a great abundance of them. They can often be bought for from 50 cents to $1.00 per hundred and good work can be made of them. It pays to grow them at almost any price for nothing beyond pruning and ground is necessary for their cultivation. Every florist should grow some for they often help one out of difficulties. The grower who retails some or all of his stock should endeavor to always have something in bloom outdoors right up to wintry days; a little care in selection of flowers and shrubs will furnish him with sources of pleasure and profit. We ought to see more pompon chrysanthemums grown. They will soon be the one glory of the flower garden.

Campaign Flowers.

We are officially informed that the "Pink carnation" is to be the Republican party's flower during the present campaign. We have yet to see to what degree this will be done. They say it is President McKinley's favorite flower and that is the reason for its selection. It would do our business immense good to have the great political parties choose natural flowers for their emblems. It is the one evidence to us of their good taste and common sense. Encourage it, get the Democrats to choose white or scarlet, and we will make money out of the deceivers.

IVERA.

CHINESE PRIMROSES.

There are many strains of Chinese primroses, each having their peculiarities. From the giant strains we get large flowers and heavy foliage and a tendency to shy blooming. A higher temperature is essential for them. The best for sale purposes are varieties with compact foliage and free blooming, even if the flowers are not so large, and these embrace our best colors. Foliage varieties have beautifully colored and curled leaves and though the flowers are very inferior they are much admired and are useful.

Although the greater part of our seed comes from England and Germany, many fine strains are raised in America, and I believe it will not be long before we shall raise the bulk of our own seed and still further improve the strains we have obtained from abroad.

The primrose loves a cool, moist atmosphere, varying from 50 to 70 degrees, and flourishes best in a rather heavy loam well opened by the addition of a liberal proportion of rotted cow manure. For plants that are to bloom at Thanksgiving we sow the seed from the 1st to the 15th of June. For early exhibition purposes, say Nov. 5, we sow March to April. But the best plants are obtained from June sowings and these can be brought in in batches if kept in a cool, airy house at 40 degrees until the end of February.

Sow in shallow boxes or pans filled with clean, sweet, sandy loam or good leaf mould, both liberally opened with sand. Cover the seeds very lightly and shade moderately. After the seed has germinated do not allow the seedlings to dry much at any time or they will rot off. Keep close to the glass, air freely day and night and on bright, hot days throw a newspaper over them. Keep the hose going and sprinkle freely the paths and benches.

When the seedlings are large enough transplant in trays, using the same kind of soil and planting deeply so as to avoid leggy plants. Keep close to the glass and shade more heavily for a few days, syringing frequently but lightly over the foliage and dampen the walks and benches. Don't allow the plants to crowd each other and become drawn and never permit them to become dry and wilt.

When large enough, shift into 2, 2½, or 3-inch pots, according to the variety and the distance boxed off. Now use a good loam, very open, to which has been added rotted manure or leaf mould. This is the hardest shift of all and constant syringing and shading are required to prevent the plants from losing their foliage, it being hot summer weather.

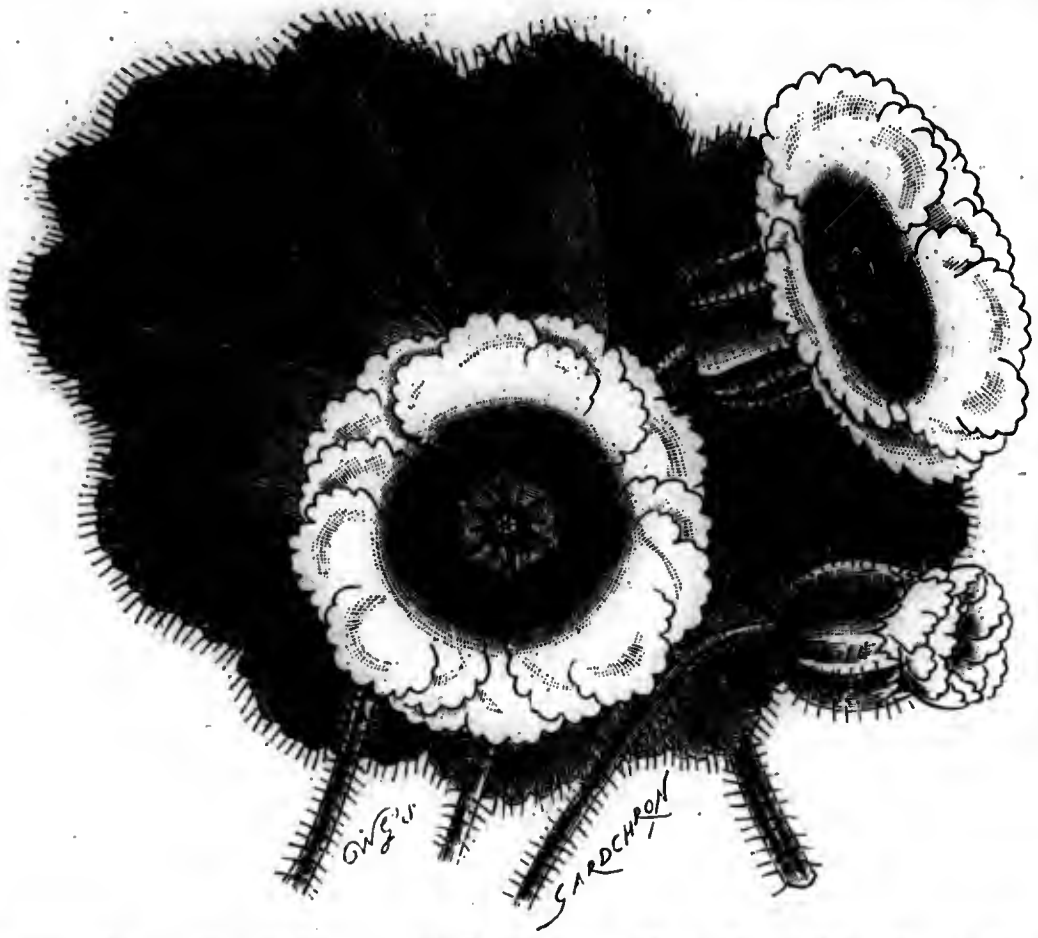
As the plants become established, dispense with shading as much as possible, for although a plant will grow finer when heavily shaded, yet it will not flower so well and will not form so compact a plant. Do not let your plants remain pot bound long, or they will become stunted, and when once checked they can never recover so as to be grown into specimens.

Pot into 3, 4 or 5-inch, as required, using good, sweet loam, very open, and with a good proportion of rotted cow manure and a sprinkling of bone meal. Pot low, but do not get the crown below the soil. Use one crock over the hole in the pot to insure good drainage. Keep the plants well up to the light and dispense with shading entirely as soon as the plants can bear it.

When well rooted in their flowering pots, feed them once a week with nitrate of soda, using a 4-inch potful of the nitrate to forty gallons of water, until the flowers are formed. Then feed weak liquid cow manure until the blooms are well out. If you wish to keep your plants going for some time, feed right along, increasing the strength accordingly and finally feeding twice a week. You will be surprised to see how much nourishment a primrose needs to keep it in first class condition for a long time. There would be less complaint about the flowers getting small so soon if the plants were properly fed.

Briefly, the main points in growing fine primroses are: First, good, open, loamy soil; second, deep planting; third, watering and syringing; fourth, shifting before becoming badly pot-bound; fifth, keeping well up to the glass; sixth, feeding liberally.

JOSEPH REEVE.



New Primula, "The Duchess;" Color White, with Deep Rose Circle around Yellow Eye.

CHINESE PRIMROSES.

A large exhibit at the Drill Hall, on January 9, afforded a foretaste of the display of Chinese Primulas Messrs. Sutton & Sons have now in bloom at Reading. It was a most interesting collection of plants, and in one or two instances particularly, varieties possessing flowers of new shades of color attracted much attention. Since then, however, we have had the opportunity to inspect the entire collection "at home," and it would be very difficult indeed to adequately describe the lovely effect of the thousands of plants grouped in colors, in the many span-roofed houses at the Portland Road Nursery.

The Reading plants are grown for the purpose of producing seeds, and it has been found that small plants in 5-inch pots, or even less, are best suited to this purpose. Accordingly, the seeds are not sown, we believe, until midsummer has been passed, and if there are no "specimen" plants, with numbers of flower-spikes, and large foliage, they are little missed, for in proportion the younger and smaller ones flower just as freely and strongly, and are each as perfect as the imagination could desire.

In the work of developing such flowers as the primula, the processes of selection, cultivation, and cross-fertilization are all great factors. Which is the most important matters little; certain is it, that once cross-fertilization is practiced, selection becomes essential. Both these processes may be observed in operation at Reading; here a flower has been fertilized with pollen from a flower of a distinct character, but possibly only in the matter of color; there are a few plants withdrawn from a well-known strain. They have shown an improvement over the rest of the same strain, and it is from such that seeds may be obtained to maintain the strain at its present standard of quality, or possibly raise it in a little degree above any previous condition.

Cultivation, the other factor in development, is often helpful, but sometimes a little troublesome. To cultivation is due, to a very large extent, the evolution of the semi-double type from single-flowered varieties, and the gain has been an immense one; but its influence in some directions, for instance upon the "star" or "stellate" section, is to bring these free-flowering, graceful-habited plants, that recently have been accorded considerable popular favor, more and more into likeness to the florists' type, and in order to preserve the simple form it is necessary to resist or neutralize the influence cultivation would naturally exert upon it. Thus is the work of maintaining and developing a collection of primulas pursued. In one section or "strain," a certain characteristic is encouraged; in another lot of plants the same characteristic is rigidly excluded. There are thus endless balancing of influences, directing of tendencies, and shaking up of possible latent forces.

As we looked over the strains that have been preserved for years, it was noticeable that varieties are kept so true from seed that little difference in shade of color even could be detected in the large batches of plants.

Choice Fixed Varieties.

Speaking now of single-flowered varieties, there are Snowdrift, Pearl, Purity, and Royal White; the first-named is the earliest to bloom, and has many good qualities, its pure white flowers and fern-like foliage being very pretty. Pearl is rather later, but is one of the best of growers, and has been a favorite for nearly twenty years. Royal White has dark foliage, and is therefore distinct from the others of this color; its flowers are large and beautifully fringed. Of varieties producing flowers other than white there is an ever increasing number, and in the known sorts the strain has been improved by intensifying the colors. Brilliant Rose was very noticeable as being true, and in every respect desirable. Crimson King also is excellent; its fine flowers are unusually fimbriated, and there is a dark, narrow circle around the center. A fern-leaved form of this variety has just been prepared for distribution. Brilliant Ruby, which superseded the old Ruby King, is a first rate red flowered primula of dwarf habit, but needs some little encouragement in order to get the blooms thrown well above the foliage. Then there are Reading Pink, which flowers moderately early; Gipsy Queen, one with bizarre-like flowers, white splashed with rose; Rosy Queen, a pretty variety, with fern foliage; Reading Scarlet, and others in the single-flowered section, of which we will only further allude to those known as "blue." The best of these is Reading Blue, having plain foliage, and very fine flowers. One known as Sutton's Blue has fern foliage, but is otherwise hardly so good; and a new one obtained from crossing the Reading Blue upon a white variety, is the Cambridge Blue—this is of an exceedingly delicate tint, and with the very light green foliage has a somewhat aesthetic appearance.

The semi-double varieties appeared beautiful. They flower freely, are capable of reproduction by seed, and though the flowers are not of the same quality as the old double white, they are nevertheless useful for buttonholes and spray-making. There are varieties all true to color in pink, scarlet, carmine, white, crimson, blue, salmon, and carnation flaked. The carnation flaked semi-double is a very popular variety, one of the strongest growers, and an abundant bloomer. A new stock of this has been obtained by crossing again with Crimson King. The flowers are spotted rather than flaked, and the spotting is very free. It is only recently that a salmon tint has been produced by the doubles, and we are not sure that it is ready for distribution. But it will be very high-

ly appreciated when generally known, as the shade is perfect.

The giant strains were not yet fully in flower, but there are giants in most of the colors, that is, varieties that are grosser in all their parts, but produce in consequence fewer leaves and fewer flowers than ordinary strains.

The "star" or "stellate" primulas quite deserve recommendation. They are so free-blooming, and their graceful, branching, pyramidal habit gives to them much effect as winter-flowering plants for decoration. The flowers are only small, have no fimbriation, but merely a wedge-like notch in the center of each petal, yet are the plants so bedecked with them that they are exquisite to behold. There is a white form and a pink variety, and a recent lilac-tinted one. An improved white on a very dark foliage was admired. In addition, there are varieties with new shades of color, and others more or less intermediate between the type and the florists' varieties. The latter are the least satisfactory, because they forfeit the charming habit of the pyramidalis strain to acquire only part of the excellence in flower possessed by the florists' type.

As typical of the best of the novelties, our artist has reproduced flowers and foliage of "The Duchess," shown at the meeting at the Drill Hall above referred to, when an award of merit was recommended to the strain. The cross was one of Crimson King and Pearl, and this blending has resulted in the charming seedling variety. Its flower-stem is strong and erect, flowers large and of much substance, having a yellowish center, and white, profusely fimbriated petals, but around the eye is a starred ring of intense rose, which to some degree suffuses the white. We saw other novelties from this and similar crosses that will be certain to command admiration. Several of these resembled greatly the Duchess itself, but were even more delicate, the color being softer. There were flowers of magenta color, red, vermilion, and a purple or plum-blue, and generally the eye is yellow. The process of "selection" and "fixing" has to be applied to these, and the results should be most gratifying to lovers of the primula. Among the novelties we should perhaps include General French, a semi-double variety, also given an award of merit by the Royal Horticultural Society on January 9; it represents the best crimson semi-double up to date, and is most vivid.—Gardeners' Chronicle.

MISCELLANEOUS SEASONABLE HINTS.

Cuttings.

Cuttings of tender plants should be in the sand by the end of this month. We seldom get a frost that hurts before the first days of October. Vincas, abutilons, ivy geraniums and a few of everything else that you need should be put in.

Instead of whitewash on the glass or newspapers, which are constantly blowing off and which make it stuffy and dark for the cuttings when they are on, I much prefer cheese cloth, tacked on to the sash above the cuttings. If the house is light the subdued light made by the cloth will not be injurious to the cuttings at all times, and there is no forgetting to put on or take off shade. The abutilon wilts terribly on warm days, so keep it thoroughly soaked till it begins to root.

Salvias.

There are few more brilliant plants than the Scarlet sage, Salvia splendens. It seems to be very strong just now and after the frost has killed everything outside its sprays are often found very useful. You should lift and pot as many as you can find room for; they soon get cut and will all disappear before you are pressed for room. Nothing lifts more easily.

Cyclamen.

It is time to sow your first lot of cyclamen seed. Sown now you can have grand plants for fall and early winter. There is nothing very difficult about the operation. They are a little slow to germinate and the surface often becomes green before the little plants are up, so if you bake the leaf mould with which you cover the seeds it will be a cleaner and neater job all around.

Herbaceous Plants.

If you have any transplanting of herbaceous plants to do this fall don't be afraid to begin the end of this month. Although the tops of many are yet flourishing it will not hurt them at all to transplant and it is much better done now while the ground is dry and pleasant to work.

Cannas.

I would just remind you once more that you should be very particular and have your cannas properly and distinctly labeled before frost has made them all look alike. The smaller the line of business you are in the more reason for it. If you have half acres of one variety you will not be liable to get a mix up, but if only half a row there is great need of labeling. To have two or three yellow flowers in a bed that is intended to be all scarlet is annoying. You may know and be able to pick out the plants in the spring, but Charlie Greenhorn don't know them and swearing at him won't teach him. How many hours have been wasted and petty worry caused just because, "I forgot to label them!"

Tulips.

Tulips will soon be here and you should lose no time in getting some into flats. The earlier they are put into the soil and making roots the earlier they will force. The tulip business has much decreased of late, yet there is a reasonable demand for them and particularly after the first of February. It is no longer necessary to have them at Xmas, in fact you don't want them till they can be grown to perfection, because there are plenty of other flowers; 999 people out of every thousand much prefer a dozen carnations to a dozen tulips.

Any light soil does for them. We force in boxes or flats 24x12 and 3 inches deep and cover with 3 inches of soil. Before you put on the covering give the flats a most thorough soaking and when that is soaked in scatter a little buckwheat husks over the surface, then the 3 or 4 inches of covering. By doing this we find the covering of soil breaks away clean from the soil in the flats when we bring them in to force.

There is no better place for the flats than on the open ground. And don't forget once a week to soak the whole bed. You can plant the bulbs in the flats almost touching; it makes no difference to the quality of the flowers and saves room.

I don't know of any novelties in tulips that are desirable. We depend on the well known sorts that are moderate in price and most reliable to force. Yellow Prince and Chrysolora for yellow, Vermillion Brilliant and Waterloo for red, Cottage Maid and Rose Grisdelin for pink, LaReine and White Pottebakker for white. Of other shades Proserpine is a most lovely rose pink. LaReine when well managed assumes a lovely pink shade and is more valuable in that form than it is as a white. There are few doubles that are valuable for cutting, but there is one that is a jewel, and it is Murillo. Either for pots or pans or cutting it is grand, white with a slight blush pink. There are several other tulips that can be grown for variety's sake, but the above will entirely fill the bill.

General Remarks.

We are just now entering a season of two months that taxes the ability



Clematis Paniculata.

of any real gardener who has charge of glass. While it is necessary and proper to be an expert at potting and shifting and moving plants, that is only the mechanical part of the business. It is the part that you can be ever so proficient in and yet be a failure in successful growing. For several months in the summer and again for three or four months of winter conditions are about stationary as far as weather goes and little watchfulness is needed. Now things are quite different and now is the time that your skill will be tried. We have warm days, cool nights, some days cloudy, some still very bright, cutting winds and every kind of weather to contend with. Thought, watchfulness, wideawake care of all your charges is the valuable part of the business just now and for weeks to come.

I write this because I see occasion for it around me every day. You can get workmen to work, but you can't get them to think, at least about all the fine points. So don't pore over some hard work and fail to notice the many fine points of shading, syringing, airing and watering that are so important at this busy lifting, shifting and growing and resting time.

WILLIAM SCOTT.

CLEMATIS PANICULATA.

Continued experience with this splendid hardy climber simply emphasizes its usefulness, and it is doubly valuable to the florist, for he may not only sell many small plants, but can use the blooming vines in decorations with magnificent effect. Every florist should have at least a few specimens of this clematis on his place. Plants can be had at low prices, as this species is easily propagated.

A glance at the accompanying engraving will show what a magnificent thing this clematis is at its best

BOSTON.

Park Street Market.

Plenty of goods of all kinds and a great super-plenty of carnations. Outdoor goods, especially asters, are of a poorer quality on account of the remains of the Galveston gale passing over New England to its burial place in the Gulf of St. Lawrence.

Prices perhaps have now varied but have fallen away rather than gaining, as might have been expected: American Beauties, $2 to $20; Liberty and Meteor, $1 to $4; Kaiserins, $1 to $6; Brides and Maids, 25 cents to $4; Perles, $1 to $2 per 100. Carnations and asters, 25 cents to $1 per 100. Tuberoses, $2 per 100. Adiantum, 50 cents to $1 per 100.

All kinds of red roses are now improving and some growers claim that the Liberty will be all right soon. Kaiserins are naturally getting somewhat inferior and other kinds are getting a little off crop. Of course the roses and asters quoted at 25 cents per 100 are of very inferior quality.

A few fancy kinds of carnations are coming in, but are of poor quality, the larger part of the cut being of the most ordinary kinds, but of good quality.

There is a fairly good supply of outdoor goods of a mixed nature coming in irregularly and selling at a low figure. Sweet peas seem to be out of print.

Green material is represented by a steady supply of adiantum and hardy ferns and a slightly variable supply of our two leading kinds of asparagus and smilax.

Various Items.

Not much change is expected in either the wholesale or retail working parts of the city proper the coming season. N. S. Wax has added a "Co." to the firm and given their little place on Winter street a thorough renovation. New ice-chest and counters, tiled floor and window and lots of paint and varnish make it into the daintiest little place in the city.

Wax Bros. intend to utilize the whole of their store, one-half of which has been rented for other purposes.

Houghton & Clark have been practically closed up in Boston for two months on account of the remodelling of the whole building. They will soon reopen with much enlarged and im-

proved quarters, which will probably also mean more dimes, halves and dollars.

The sale of stalls on Park street went off without a hitch. The highest bidder was E. M. Wood, the rose king of Natick, who took two stalls at $57.00 premium on each. The lowest figure was $12.50. Total premiums paid were $3,250.00 as against $1,800.00 last year. Better buy a church, tear out the graves under it and put up a few cheap tables; above all this, you know, each little 3x3 table space brings $3.50 per month.

We shall have to get along without the smiling face and courtly manner of Mr. Roberts, of Patten & Roberts. He has made a move from junior member of that firm to president of an incorporated livery firm in his city. We wish him well.

A cartridge intact, one knocked down and a very pleasant memory is all that is left me of a trip to the Walnut Hill range to see Rose-Grower Dana exercise his Roxbury Horse Guard carbine in a trial match for election to the rifle team of ten men required by law. The requirements are pretty strong and Dana came out a bit better than any other of the squad, scoring 23 out of a possible (or rather almost impossible) 25 points. In order to do this you must be able to plug a Chinaman's head 200 yards off four times out of five and come very close to it the fifth time. Stand up and stick your gun right out into the air, too.

B. T.

NEW YORK.

The Season.

We are having a cold spell of weather this week and in consequence stock shortened up considerably and business got a little brisker. It is most likely though that we will have plenty of warm days yet when roses, etc., will lay around in heaps. However, there's nothing at present visible to denote that we will have anything besides a very good season, in fact confidence is high. Still with a presidential election on hand Wall street might have fun with the crowd, but it would not last long whichever way the votes go. This country is too large and prosperous to be the shuttle-cock of any party. We will have a good season; good stock and patience will be necessities.

This is the time of the year when most growers are on the "fence" looking for the wholesaler who can offer them the largest gold brick. Comedy and tragedy too could often be written on the doings of these city and country folks. Put your stock where the best part of the trade will see it, and be satisfied to get what it is worth.

Auction sales have commenced and the fall season in general has started with a flourish. Considerable competition annually occurs in the violet growing district as to who can send in the first violets. The honor this year belongs to J. W. Feeter of Highlands. He commenced shipping them to Thomas Young, Jr., on Sept. 8th. So far very few chrysanthemums have been seen. Asters continue to be in demand, but the high grade quality has been rather scarce. Our growers don't seem to be posted on the best varieties; the few who are and grow them well get ample reward. There's always plenty of room on top in the matter of high grade flowers or plants.

Flower Shows.

New York will see no flower show this fall except that of the American Institute, which will be held the latter part of this month. All the surrounding villages and towns are to have their usual annual shows. Many good big prizes are offered, but apart from that it is to be hoped all will turn in and help make them successful.

Ruling Prices.

Following are the prices ruling as we write: Beauties—special, 25; fancy, 15 to 20; extra, 12; firsts, 6 to 8; seconds, 2 to 3. Brides and Maids—fancy, 5; extra, 4; firsts, 1; seconds, 50 cts. Meteors and Liberties—special, 10; fancy, 6; extra, 4; firsts, 1 to 2; seconds, 50 cts. Victorias—special, 10; fancy, 6; extra, 4; firsts, 1; seconds, 50 cts. Testouts—special, 10; fancy, 8; extra, 6; firsts, 4. Carnots—special, 10; fancy, 6; extra, 3; firsts, 1; seconds, 50 cts. Cusins and Morgans, firsts, 1; seconds, 50 cts. Perles—extra, 3. Hostes—extra, 3; firsts, 1; seconds, 50 cts. Carnations, 50 cts. to 1. Violets, 75 cts. to 1. Valley, 2. Asters, 1. Hydrangeas, 2. Cattleyas, $4 per doz. Smilax, 8. Sprengeri, 25 cts. a bunch; plumosus, 25 to 35 cts. a bunch. Adiantum, 50 cts. to 1.

J. I. D.

ST. LOUIS.

The Market.

The weather the past week was not favorable for our business. It was hot; but today (Monday) it is really cold and if the cool weather continues business surely will improve. Most of the retailers are kept fairly busy with funeral work and this helps the wholesaler to sell his surplus.

White flowers are the leaders and they are pretty well cleaned up each day. Flowers of all kinds seem plentiful and some are very much improved in quality and no advance in price. Bridesmaids and Perles are looking much better and the price runs from $2 to $4; Kaiserins and Meteors hold their own, the best selling at $6; while shorter stemmed ones bring from $2 to $4 per 100. Beauties are coming in more plentiful but with color bad. Choice Beauties with good long stems are not to be had just now.

Indoor carnations are coming in in limited numbers and find good sales. Outdoor flowers are not so good and many of them go to waste. Prices range from 50 cents to $1.25 per 100. Nearly all the carnation plants have been housed. The plants are uniformly fine and the best flowers sent to the market are cut from stock benched some time ago.

Very little outdoor stuff is coming in now. Asters and hydrangeas are nearly all gone, but tuberose stalks are still plentiful and the sale good at $4 per 100. Smilax and asparagus are looking better.

Notes.

J. D. Gorman, formerly a florist at Burlington, Iowa, is now with the Monmouth Pottery Co. Mr. Gorman is manager of the St. Louis branch at 17 North Main street.

Walter Mott, the genial salesman for Henry Dreer, Philadelphia, is in town visiting the trade. James Wolf, of Waco, Texas, was also a visitor for a few days calling on friends.

The Edwardsville street fair, under the able management of our well-known craftsman, Fred Ammann, was a grand success. The Belleville street fair, held the past week, was a grand success, too, owing to the able management of another one of our craftsmen, Dr. A. S. Halstedt. Quite a number of St. Louis florists spend a few days each year at these fairs. Mr. Wm. C. Young, of C. Young & Sons Co., was one of the judges at the Belleville fair.

The Belleville florists report good business the past week owing to the fair. E. W. Guy, A. G. Fehr, Henry Emmons, Grossart and Dr. Halstedt were busy supplying flowers to the many visitors who attended the big fair.

Eugene Wurst, formerly of St. Louis, is now with Siebrecht & Son at New Rochelle, N. Y. Mr. Wurst writes that he is well pleased with the change and speaks well of his new position.

C. A. Kuehn and Henry Berning, our wholesale merchants, report that business is steadily increasing and they both anticipate an unusually prosperous season. They are receiving daily plenty of stock of all kinds and of the best quality.

Paul Berkowitz, representing H. Bayersdorfer & Co., Philadelphia, is in town calling on the trade and reports business better than ever.

Bowling.

The Florists' Bowling Club inaugurated their bowling season last Monday night by rolling five games. Some very fair scores were made, while others were not so good, but with a little practice the boys will be rolling their usual good games again. After the rolling a meeting was held and

the books showed that the club was in good financial condition and that the membership is now down to ten. Walter Mott, of Philadelphia, was a visitor and rolled with the boys, improving in each game he rolled. The scores were as follows:

	1	2	3	4	5	Tot.	Av.
C. A. Kuehn	158	199	124	162	146	789	158
J. J. Beneke	139	173	149	164	150	775	156
F. C. Weber	135	127	126	137	...	525	131
W. Adles	153	99	110	162	...	524	131
J. W. Kunz	116	106	151	148	117	638	128
John Young	106	144	144	113	...	507	127
Walter Mott	98	103	126	130	170	627	125

J. J. B.

JOSEPH REEVE.

We present herewith a portrait of Mr. Joseph Reeve, now foreman of the greenhouses of Mr. J. C. Murray, Peoria, Ill., who has made his mark as a grower and as a student of his profession. While in Chicago, with Mr. A. McAdams, Mr. Reeve opened the eyes of local florists with the magnificent primroses he produced, which left completely in the shade any seen here before. And he has been equally successful with other plants.

Mr. Reeve was born in Glasgow, Scotland, in 1865. He was regularly apprenticed to a florist and nurseryman in the city of Ipswich, Suffolk, England, at an early age, and after serving his time became second gardener at the fine old estate of Holy Wells of the same city, which covers some hundreds of acres in fine parks, preserves and greenhouses. After three years here, during which time a great many prizes in all classes were taken by the estate, he took a position as gardener to James H. Luke, a wealthy Quaker banker in Hertfordshire. Here he was very successful, taking all the leading prizes at the local shows for orchids, plants and chrysanthemums.

At the age of 22 years he emigrated to Canada and spent some time in Toronto on the Flemming estate, and from there came to Chicago, where he was for some time on a private place, but later was employed in several commercial places, and during the World's Fair was on Mr. Thorpe's staff of gardeners who had been attracted by the horticultural features to be seen and studied at the great exposition. Later he became foreman of the greenhouses of John Goode & Co., of which firm Mr. A. McAdams was a member and eventually the successor, and held this position for five and one-half years. During this time he became known as an expert plantsman, receiving marked recognition at the flower shows and reading several useful papers before the Chicago Florists' Club.

Something over a year ago he accepted an offer to go to Peoria, Ill., as foreman of Mr. J. C. Murray's establishment, and since that time the place has been enlarged and the nursery business added, making it a model place of about 35,000 square feet of glass devoted to cut roses and carnations and bedding plants for the city retail store.

Like all our young men who have received a thorough training in the business, Mr. Reeve has shown himself to be a first-class all-around grower, no variety of stock, no matter how common, being too much trouble to grow to its greatest perfection and



Joseph Reeve.

be made profitable. And in each of the places he has filled his diligence, skill and executive ability have borne the fruit that those virtues always produce.

CHICAGO.

The Market.

Reports of trade conditions are somewhat conflicting. The number of shipping orders has increased slightly but the general volume of trade is certainly no larger than last week and possibly less. Good roses are in fairly good demand but many carnations fail to find purchasers. There seems to have been an exceptionally good cut from outdoor carnations this season.

Though the weather has been chilly and light frosts are reported from some nearby points it needs a good killing frost to put activity into the market. Last year the first frost came Sept. 18th and business conditions were much better the same week a year ago. Prices are much lower now than then.

Mr. E. E. Pieser, of Kennicott Bros. Co., predicts that business will go by fits and starts only from this time until at least two weeks after the presidential election, or until the business world has settled down after the result is announced, whatever it may be.

Among roses Beauties hold first position as steadily as of yore. Buyers seem never to tire of this rose and a surplus is a great rarity. The man with good Beauties has got a sure thing on a good bank balance.

Club Meeting.

A preliminary meeting of the Florists' Club was held at McKellar & Winterson's last Saturday and steps taken to inaugurate a successful series of meetings during the winter season. The first regular meeting will be held in the Handel Hall building, 40 Randolph street, tomorrow (Friday) evening. At this meeting Mr. Edgar Sanders will submit a program for the season, to be acted upon by the members. President Hartshorne presided at the preliminary meeting and looked as though his European trip had agreed with him. The secretary was instructed to communicate with the florists of Galveston and endeavor to learn if many of the craft had suffered from the recent storm that swept that city.

Various Items.

Mr. Walter Retzer left last Saturday for St. Louis for a week's visit.

Arnold Ringier, of W. W. Barnard & Co., has been confined to the house by a severe attack of sciatica and is still unable to get about.

E. H. Hunt has issued a handsomely illustrated and finely printed fall list of palms and ferns.

Ed. Winterson says he did "get his money's worth" in New York and there was some little in the bunch too.

C. S. Stewart has returned from Omaha and there is now a Mrs. Stewart. We understand that he will have charge of a city salesroom for Adolph Poehlmann, who now has his big new establishment at Morton Grove in working order.

H. Clifton, who has a store at 351 Chicago ave., has opened a branch store on Chicago ave. near Robey st.

Mr. E. E. Pieser returned last Friday. He went to a point near Quebec after the convention.

Mr. S. A. Wolcott, of Batavia, has been regaling the boys with some fish stories. He caught two muskalonge that measured seven feet—that is when the two were placed end to end and the tape line used on the combination. But he allows the first part of the story to sink in well before adding the second part.

Geo. Souster, of Elgin, was a recent visitor.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

WASHINGTON.

Death of Wm. Saunders.

William Saunders, the well known horticulturist, died on Sept. 11th, at his home, 1603 3rd St., N. W. He was connected with the Department of Agriculture, as superintendent of the division of Experimental Gardens and Grounds, and in point of service, was the oldest attache.

Mr. Saunders was born at St. Andrews, Fifeshire, Scotland, Dec. 7th, 1822; he began his career as a gardener when 16 years of age, and worked as a journeyman in various parts of Scotland and England under the instructions of noted horticulturists. He came to New York in 1845, just after his marriage, bringing with him many plants for introduction. He obtained employment in Baltimore, John Hopkins, the founder of the university which bears his name, being the first to employ him. He was engaged later in general and ornamental gardening throughout the United States. In 1854 he united with Thos. Meehan at Germantown, Pa. As a landscape artist and garden architect, Philadelphia owes to him the designs of Hunting and Fairmount Parks. At this time Mr. Saunders was the principal writer on horticultural subjects in the United States. In 1862, Mr. Saunders was appointed to the position which he held up to the time of his death, by Isaac Newton, the first Commissioner of Agriculture who was selected by Abraham Lincoln, and was by many years the oldest official in the Department of Agriculture, his service covering more than 38 years. He made Washington a city planted in a park, or a mighty forest growing in a city. No one can estimate what Washington alone owes him for the improvement of its school surroundings. Mr. Saunders has left a lasting monument in the designs of the beautiful cemeteries at Amboy and Rahway, N. J., Bethlehem, Pa., Chicago and Springfield, Ill., and the magnificent designs of the Soldiers' National Cemetery at Gettysburg. He was selected by President Grant to design the park at Springfield, Ill.

Through the influence of Mr. Saunders thousands of plants have been introduced in this country, as far back as the sixties he introduced a seedless orange and today there are groves of thousands upon thousands of acres in both Florida and California, out of which hundreds of families make comfortable living, while millions of dollars are received for the exported article. It was Mr. Saunders who discovered the camphor tree, a suitable shade tree for the South.

It is worthy of note and an evidence of the grandeur of the character of this man, that for his work at Gettysburg, on the Lincoln Monument Grounds, his enormous task as a parking commissioner and his suggestions for other things innumerable, were never paid for by so much as a dollar in money.

Mr. Saunders has published in addition to thousands of newspaper and magazine articles, thirty-nine comprehensive reports for the government on the different branches of horticulture. The interment was private, and, by request of the family, flowers were omitted.

F. H. KRAMER.

COAL PRICES.

Reports indicate that the strike among miners of anthracite coal is having an influence upon the price of bituminous coal and that higher figures are apt to prevail on the latter at an early date. This is accounted for by the fact that when anthracite rises in price beyond a certain figure some users of it turn to bituminous and use it as a substitute.

CORRECTION.

In the description of the new aster on page 421 of our issue for Sept. 6th, the size should have been 3¼ inches in diameter, instead of 2¼ inches. In fact, an occasional bloom measures more than 3¼ inches in diameter.

LOS ANGELES, CAL.—B. W. Wallace claims that in November, 1899, he bought, and paid for 30,000 plants from A. W. Hersey and P. W. Hubbard, nurserymen, but that those parties have refused to deliver the goods. Wherefor, Wallace has begun suit in the Superior Court for the possession of the plants or their value, $300, and for an additional $300 damages.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—At once, good all-around florist; must be sober, honest and not afraid of work. Answer, stating wage expected, W. M. Lott, Warren, Pa.

WANTED—Good size greenhouse boiler; state heating capacity, condition of boiler and lowest cash price. Also want 2 and 3-inch pipe. J. Palmer Gordon, Ashland, Va.

SITUATION WANTED—By lady, experienced in all branches and thoroughly competent to fill first-class position; best of references. Address H., care of Florists' Review.

WANTED—Young man as helper in greenhouses. Address Geo. Souster, Elgin, Ill.

WANTED—Man for general greenhouse work; must be steady and not afraid of work; wages $25 per month with room and board to start, more if suited. Also night fireman wanted, steady. Address with particulars, Jos. M. Smely, Aurora, Ill.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

SITUATION WANTED—By practical man, age 30, single, as gardener in private place, park or cemetery. Competent to take charge. Address Trebor, care Florists' Review.

FOR SALE—Florists' store fixtures and supplies. S. Michaels, 592 West North Avenue, Chicago.

FOR RENT—On shares or cash, greenhouse plant in Iowa in full operation. For particulars address Iowa, care Florists' Review.

FOR SALE—Cheap; small, modern, up-to-date greenhouse plant and house close to New York City. W. F. Lynch, Davis St., West New Brighton, Staten Island, N. Y.

SITUATION WANTED—By a first-class florist and gardener; twenty years' experience; married, no children; private place, park or cemetery preferred. M. J., care Florists' Review.

Auction Sale
...OF...
TREES
26th September, 1900.

Entire stock of Trees growing on 40 acres; comprising principally

JAPANESE and other RARE EVERGREEN TREES, SHADE TREES and other ORNAMENTAL NURSERY STOCK.

Inspection Certificate Furnished.
Auction Catalogue Ready.

Chas. B. Hornor & Son,
MOUNT HOLLY, N. J.

Mention The Review when you write.

BOSTON FERNS,

Fine plants, 5-in., $3.00 per doz.; 6-in., $4.50; 7-in., $6.00.

Chrysanthemums, ready for 6-in. pots; all leading varieties; plants dwarf and stocky; $2.25 per doz; $16.00 per 100.
Vinca, variegated, field grown, $5.00 per 100.
Carnations, $5.00 per 100; Scott, Daybreak, Abundance, Albertini, Flora Hill, Portia.
Violets, California, Campbell, $4.00 per 100.
Smilax, 2½-in., $1.50 per 100.
Soupert Roses, 4-in. pots, in bud and bloom, $10.00 per 100.

CONVERSE GREENHOUSES, Webster, Mass.

Mention The Review when you write.

GERANIUMS.. BARGAIN.... TO MAKE ROOM

Only 2,000 left. Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Marvel, Mrs. E. G. Hill, Heteranthe, Contraste, W. H. Bailey and others. All clean, strong and healthy stock. $2.00 per 100, $18.00 per 1000, or the entire lot for $30.00. All 2¼-in. pots.

W. E. HALL, CLYDE, OHIO.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

DREER'S Special Offer of FINE FERNS

CHOICE VARIETIES.

ADIANTUM CAUDATUM AND ADIANTUM DOLABRIFORMIS.

Two pretty species especially adapted for baskets, 3-inch pots, $1.25 per doz.; $10.00 per 100.

ALSOPHILA AUSTRALIS.

We have again this season a fine supply of this useful, quick-growing Australian Tree Fern, and offer strong

2½-inch pots,	$1.00 per doz.;	$8.00	per 100.
3 "	1.25 "	10.00	"
4 "	2.00 "	15.00	"

ASPIDIUM TSUSSIMENSE.

Without question the most valuable of all Ferns yet introduced for Fern dishes.

2-inch pots,	$4.00 per 100;	$35.00	per 1000.
3 "	6.00 "	50.00	"

ADIANTUM LATHOMI.

A scarce variety and one of the most beautiful Adiantums for growing into specimens.

3-inch pots,	$1.50 per doz.;	$12.00	per 100.
4 "	2.50 "	20.00	"

ADIANTUM RHODOPHYLLUM.

A pretty compact and very useful Adiantum.

2-inch pots,	$ .75 per doz.;	$5.00	per 100.
3 "	1.25 "	8.00	"
4 "	1.50 "	12.00	"

ADIANTUM FARLEYENSE.

We have a large stock of this grand variety in perfect condition.

3-inch pots,	$2.00 per doz.;	$15.00	per 100.
4 "	5.00 "	40.00	"
5 "	9.00 "	70.00	"
6 "	12.00 "		

CIBOTIUM SCHIEDEI.

A very graceful and undoubtedly the finest of all Tree Ferns for use for decorative purposes.

5-inch pots,	$ .75 each;	$7.00	per doz.
6 "	1.25 "	12.00	"
7 "	1.50 "	15.00	"
8 "	2.50 "	30.00	"

CIBOTIUM PRINCEPS.

Similar to the above, but with broader, shorter foliage.

4-inch pots,	$ .50 each;	$5.00	per doz.
5 "	.75 "	7.50	"
6 "	1.25 "	12.00	"

DORYOPTERIS NOBILIS.

It is only at rare intervals that we are able to offer this handsome Fern in quantity. We have a fine stock this season in 2¼-inch pots.
75c per doz.; $6.00 per 100; $50.00 per 1000.

NEPHROLEPIS EXALTATA BOSTONIENSIS.

(Boston Sword Fern.)

A grand stock in 2¼-inch pots, 75c per doz; $5.00 per 100; $40.00 per 1000. Extra strong plants in 7-inch-pots, $9.00 per doz.

MICROLEPIA HIRTA CRISTATA.

We consider this one of the finest Ferns in cultivation to grow into specimen plants, and when well grown it meets with as ready sale as the popular Boston Fern. Our exceptionally large stock this season enables us to offer it at the following low prices:

2¼-inch pots,	$ .75 per doz.;	$6.00	per 100.
3 "	1.25 "	10.00	"
4 "	2.50 "	20.00	"

GENERAL COLLECTION OF FINE FERNS.

	Inch pots.	Per 100.	Per 1000.
Adiantum Æmulum	2	$5.00	$50.00
" "	3	8.00	
" Aneitense	3	8.00	
" Bausei	4	15.00	
" Bellum	2	5.00	
" "	3	8.00	
" Capillus-Veneris Mariesii	4	15.00	
" Concinnum	2	4.00	
" Cuneatum	2	3.50	30.00
" "	3	6.00	50.00
" " Variegatum	2	3.50	30.00
" " "	4	15.00	
" " Grandiceps	2	4.00	35.00
" " "	3	6.00	50.00
" Decorum	2	4.00	35.00
" "	3	6.00	50.00
" Formosum	2	6.00	50.00
" "	3	8.00	
" Gracillimum	2	4.00	35.00
" "	3	6.00	50.00
" "	4	15.00	
" Legrandi	2	5.00	
" "	3	8.00	
" "	5	15.00	
" Mundulum	2	5.00	
" "	3	8.00	
" Pubescens	2	3.50	30.00
" "	3	6.00	50.00
" Rhomboldeum	3	10.00	
" "	4	15.00	
" Wiegandi	2	5.00	40.00
" "	3	8.00	

	Inch pots.	Per 100.	Per 1000.
Adiantum Wiegandi	4	$12.00	
Asplenium Obtusilobum	3	8.00	
Blechnum Occidentale	3	6.00	
Cyrtomium Falcatum	2¼	4.00	$35.00
" "	3	6.00	50.00
" Fortunei	2¼	4.00	35.00
" "	3	6.00	50.00
Davallia Fijiensis Plumosa	3	15.00	
" Stricta	2¼	4.00	35.00
" "	3	6.00	50.00
" "	4	15.00	
Dictyogramma Japonica	3	10.00	
" " Variegata	3	15.00	
Dicksonia Antarctica	2¼	6.00	
Didymochlena Truncatula	3	6.00	
Lastrea Aristata Variegata	2¼	4.00	35.00
" Chrysoloba	2¼	4.00	35.00
" "	3	6.00	50.00
" Opaca	2¼	4.00	35.00
" "	3	6.00	50.00
Lomaria Ciliata	2¼	4.00	35.00
" "	3	6.00	50.00
" Gibba	2¼	4.00	35.00
" "	3	6.00	50.00
Lygodium Scandens	2¼	6.00	
" "	3	8.00	
" "	4	15.00	
" Dichotomum	3	10.00	
Microlepia Hispida	3	6.00	
Nephrolepis Pectinata	5	15.00	
Nephrodium Hertipes	2¼	4.00	35.00
" "	3	6.00	50.00
Nyphobolus Lingua	4	15.00	

	Inch pots.	Per 100.	Per 1000.
Onychium Japonicum	2¼	$4.00	$35.00
" "	3	6.00	50.00
Platyloma Falcata	2¼	5.00	40.00
Polypodium Aureum	2¼	4.00	35.00
" "	3	6.00	50.00
Polystichum Coreaceum	2¼	6.00	50.00
" "	3	8.00	
" Setosum	2¼	5.00	40.00
" "	3	6.00	50.00
Pteris Adiantoides	2¼	3.00	25.00
" "	3	6.00	50.00
" Argyræa	3	6.00	50.00
" Cretica Alba Lineata	2¼	3.50	30.00
" " " "	3	6.00	50.00
" " Mayii	3	8.00	
" " Magnifica	2¼	3.50	35.00
" " "	3	6.00	50.00
" Hastata	2¼	3.50	30.00
" "	3	6.00	50.00
" Leptophylla	2¼	3.50	30.00
" "	3	6.00	
" Ouvrardii	2¼	3.50	30.00
" "	3	6.00	50.00
" Serrulata	2¼	3.00	25.00
" " Volluta	2¼	3.50	30.00
" " "	3	6.00	50.00
" Sieboldi	2¼	3.50	30.00
" "	3	6.00	50.00
" Palmata	3	6.00	50.00
" Victoria	3	6.00	
" Sitolobium cicutarium	2¼	6.00	
" " "	3	8.00	
" Selaginella Emiliana	2	3.50	30.00

MIXED FERNS.

Our selection, in 2¼-inch pots, $3.00 per 100; $25.00 per 1000.
" in 3 " 6.00 " 50.00 "

Azaleas

Our Mr. Eisele, who has just left Belgium, reports that the Azaleas grown for us are in an unusually healthy and fine condition this season. Our shipments are expected to arrive here the beginning of October. We handle only the leading sorts, which are best adapted to the American trade: all plants are carefully sorted over and repacked at our Nursery, thus enabling us to guarantee satisfaction. If you have not yet placed your order we can still book same for fine bushy crowns, well set with buds, as follows:—

10 to 12 inches in diameter	$4 50	per doz.; $35.00	per 100.
12 to 14 " "	6.00	" 45.00	"
14 to 16 " "	7.50	" 55.00	"
16 to 18 inches in diameter	$12.00	per doz.; $90.00	per 100.
18 to 20 " "	25.00	" 200.00	"
20 to 24 " "	36.00	" 300.00	"

Prices on Azaleas include duty, packing and delivery in good condition to any express, freight or steamship line in Philadelphia.

For a full line of DECORATIVE PLANTS and other SEASONABLE STOCK see our current QUARTERLY TRADE LIST, of which a copy will be mailed on application, if you have failed to receive one.

HENRY A. DREER, 714 CHESTNUT STREET, PHILADELPHIA, PA.

SAMUEL S. PENNOCK. Wholesale Florist

During the summer we will be Open from 7:30 a. m., to 6:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

BUFFALO.

Much cooler weather is filling up the city with its normal population and it has given a start to business, which we are all glad to receive. Asters have been a very important flower this summer and though large quantities were grown there were few of good quality that went to waste. Carnations from under glass are making their appearance; rather abbreviated stems so far, but we are glad to see them. Some splendid gladiolus in large quantities have come here from the Rochester growers.

There was an unusually well attended meeting of the Florists' Club on Friday night. Hard working men left their business and came in twenty and thirty miles to give us their aid and council, but young men who only had two or three blocks to walk couldn't find the time. They must have a wonderful business that they could not spare one hour after 8 p. m., and if their society duties are so urgent every night in the week it is too crowded to be healthy.

Those who had attended the convention had to recite its wonders to those who were not fortunate enough to attend. Some good earnest business was done and we are starting off for a year's work with enthusiasm.

Visitors of late have been Mr. R. Cameron, of the Victoria Park, Ont., Mr. Henson and Mr. Noble, of Toronto. Mr. Barker, of the American Florist, called on his way home. Mr. John N. May, who has been on a visit to his son Harry, at Painesville, gave us a call. He was well pleased with the look of the Pan-American progress.

The storm of last Tuesday night, or more properly Wednesday morning, arrived on time; 78 miles an hour was speedy enough, but why should we even mention the little blow after the awful calamity that visited the south? The yellow journalism that afflicts every city came out with their sheets and big type, and most exaggerated stories of the damage done to the Pan-American buildings. I am glad to say the damage done was very slight and nothing that was completed suffered at all, and in a few days the effects of the storm will be entirely remedied. It has been a splendid test of the strength of the lofty buildings which stood it grandly and we are not likely to get such a breeze again before Nov. 1, 1901. W. S.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

JOSEPH HEACOCK, WYNCOTE, PA.

Offers the following

Home-Grown PALMS.

FREE FROM INSECTS AND DISEASE OF ANY KIND.

They cannot fail to give satisfaction. Should be seen to be appreciated.
A trial order is solicited.

ARECA LUTESCENS.

3 plants	6-inch pot	24-inch	$12.00 per doz.;	$100.00 per 100
3 "	8 "	30 "	30.00 "	
3 "	8 "	36 "	36.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100	
6 "	6 "	24 "	15.00 "	125.00 "	
6 "	6 to 7 "	26 "	18.00 "	150.00 "	
8 "	6 to 7 "	30 to 32 inches high		3.00 each.	
8 "	7 to 8 "	36 inches high		4.00 "	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100	
8 "	6 "	36 to 40 inches high	3.00 each:	36.00 per doz.	
8 "	6 "	48 to 50 "	4.00 "	48.00 "	

All Measurements are from Top of Pot.

Mention The Review when you write.

VIOLETS, ASP. PLUMOSUS and SPRENGERI.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Baby Primrose, 2¼-in.	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " " (white)	2.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
" " 3-in., " "	3.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings	1.25
" " " $10.00 per 1000.	

Violets Marie Louise, large clumps, very choice, at $4.00 per 100.

Will exchange for Carnation Plants.

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

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ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

Floral Fancies, Language of Flowers,

TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL, - CLYDE, OHIO.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Liberty 12 plants for.....$7.20
25 " " 12.50
50 " " 15.00
100 " " 28.00

Chrysanthemums.

Mrs. Barr, Silver Wedding, all fine varieties, strong plants, from 2¼-in. pots, $1.00 per 100.

Dorothy Devins **Black Hawk**
Elvena **J. H. Woodford**
H. W. Longfellow **Iora**
H. L. Sunderbruch **Mrs. H. Weeks**
Miss Helen Wright **Maude Adams**
Pitcher & Manda **Belle of Castlewood**
Pride **Helen Bloodgood**
B. M. Giroud **Marguerite Graham**
J. H. Troy **Minerva**
Mrs. S. Humphreys **Riverside**
Mme. F. Bergmann **T. B. Morse**
W. H. Lincoln

Strong plants, from 2¼-in. pots, $2.50 per 100; $20.00 per 1000, for our selection of above varieties.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

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Hardy Herbaceous Plants.

Ready to Ship Now
Plant early and let them get established before winter. All strong individual clumps.

	Per 100
Achillea The Pearl, 3½-in. pots, very fine	$4.00
Alyssum Saxatile Compacta, field-grown	5.00
Artemisia (wormwood), field-grown	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots	5.00
" Pyramidalis Hybrida, 3½-in. pots	5.00
Anthemis Kelwayi, 3½-in. pots	5.00
Aquilegia Vulgaris, mixed, field-grown	5.00
" " dbl. white, "	6.00
" Chrysantha, "	6.00
" Caerulea, "	7.00
Caryopteris Mastacanthus, 3½-in. pots	4.00
Hardy Chrysanthemums, asst., field-grown	4.00
Coreopsis Lanceolata, 3½-in. pots	4.00
Campanula Pyramidalis, blue or white, field-grown	5.00
Chrysanthemum Uliginosum, field-grown	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, "	4.00
Digitalis Monstrosa, "	5.00
Funkia Subcordata Grandiflora, field-grown	8.00
Lavendula, field-grown	5.00
Lychnis Chalcedonica, field-grown	5.00
Gypsophila Paniculata, "	5.00
Geum Atrosanguineum, "	5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots	4.00
Hemerocallis Flava, field-grown	4.00
" Sieboldii, "	6.00
Hibiscus Crimson Eye, 3½-in. pots	8.00
Iberis Gibraltarica, field-grown	5.00
Japanese Primrose, 3½-in. pots	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, "	5.00
Scabiosa Caucasica, "	6.00
Statice Latifolia, "	7.00
Monarda Didyma, "	5.00

EDWARD B. JACKSON,
Send for price list. **Stamford, Conn.**

Mention The Review when you write.

"IF IN DOUBT," consult the Florists' Manual, by Wm. Scott. It covers the whole field of commercial floriculture and you can quickly find in it the experience of a practical man bearing upon the doubtful point.

Ready for Delivery NOW at.....

FAIREST PRICES, FINEST CONDITION, FULL SIZE and COUNT.

HYACINTHS.

	100	1000	Case, 2200
Early White Roman, select, 12-15 cm.	$1.85	$17.00	$36.00
Single Blue " " "	1.50	14.00	
" Rose " " "	1.40	13.00	
Double " " " "	1.40	13.00	

DUTCH HYACINTHS.

	12	100	1000
Extra Size, separate colors	$0.60	$4.50	$40.00
A grand lot of Named Sorts, all popular florists' varieties	1.00	100 6.00 to	7.00

MINIATURE or DUTCH ROMANS.

	11-12 cm. 12	100	1000
In named sorts or separate colors	$0.40	$2.75	$24up

Produce flower spikes equal to 2d size Hyacinths. Great for growing in pans for Xmas.

NARCISSUS.

	100	1000
Paper White, Giant Flowering, 1st size	$1.00	$9.00
" " 2d size	.85	7.50
Early Double Roman, fine forcer	1.00	8.00
	Doz.	
Golden Sun, orange cup	$0 25	1.75	14.00
Trumpet Major, favorite forcer	.20	1.00	8.50
Von Sion, Dutch grown, XXX, giants	.40	2.00	17.00
" " XX, select	.30	1.60	14.00
" " X, fine	.20	1.25	10.00
Mixed Trumpet Narcissus, cholce	.20	1.00	8.00

TULIPS are in—get the first choice. We have them, fine large bulbs, mixed or separate colors, all forcing sorts.

We give you a few sample prices:

	12	100	1000
La Reine, the unexcelled forcer	$0 20	$1.25	$10.00
Belle Alliance	.20	1.25	9.50
Keizerskroon	.20	1.25	10.50
La Candeur	.20	1.10	8.50

CROCUS should be planted now. We have whoppers in size, 1-1½-ins. diameter, all sorts and colors.

FREESIA

Refracta, True White. 2 sizes.

1st size, 100, 75c; 1000, $6.00. 2d size, 100, 50c; 1000, $3.75

	100	1000
White, yellow throat, 1st size	$0.50	$4.00
" " " 2d size	.40	2.50

CALLA Æthiopica.

	12	100	1000
3-5 inches circumference	$0.50	$4.00	$30.00
4-6 " "	.75	5.50	50.00

LILIES

Harrisii, as healthy as Best Bermudas.

5-7, 100, $4.25; 1000, $40.00. 7-9, 100, $9 50; 1000, $90.00

Lil. Candidum, strong bulbs.....12, 60c; 100, $4.50

LONGIFLORUM

are in from Japan. First advance shipment. Earliest ever arrived in New York. As long as unsold:

	12	100	1000
6-8	$0.60	$3.75	$31 00
7-9	.75	5.50	50 00
9-10	1.25	8.50	80.00

BULBS, 25 at 100 rates; 250 at 1000 rates.

SEEDS Do you want to see satisfactory results? Give us a trial. You will remain with us. We offer, for seasonable planting:

KENTIA Belmoreana or Forsteriana, fresh 1900 crop, 100 seeds, postpaid, 75c; 1000, $4.00; 5000, $17.50.

SMILAX SEED, fresh crop, pkt., 10c; oz., 25c; lb., $2.50

CYCLAMEN Persicum Giganteum, brilliant colors, mixed, 100 seeds, 60c; 1000 seeds, $5.00.

PANSY SEED We pride ourselves on the quality of ours. We offer separate or mixed Bugnot, Odier, Cassier, Trimardeau, 1000 seeds, 25c; 5000 seeds, $1 00. Also any known color, separate or all sorts mixed, at same price.

5 PER CENT CASH DISCOUNT ON ABOVE LIST FOR ONE WEEK.

JAPAN FERN BALLS Florists' great money-maker. Our firm was the first to import these in this country in 1878. Now is best time to order for December delivery.

We book orders for these now at **10 Per Cent Discount** up to October 1st. Address

H. H. BERGER & CO., (ESTABLISHED 1878). 47 Barclay Street, NEW YORK.

PRIMROSES

IMPROVED CHINESE, out of 2-inch pots, strong. Well known as the finest large flowering fringed varieties grown. Single varieties, in choice mixture, **$2.00** per 100; **$17.00** per 1000, named varieties. Doubles, **$3.50** per 100. Extras added liberally to help pay expressage.

The Home of Primroses. JOHN F. RUPP, SHIREMANSTOWN, PA.

Choicest Stock. Lowest Prices.

Roses. XX strong, 14 to 16-in. tall, Brides, Meteor, Maids, Perle and Golden Gate, out of 3 and 3½-in. pots, only 3c, worth 6c; 10,000 to sell.

Carnations. The kind that pay. Flora Hill, Wm. Scott, McGowan, Tidal Wave, Morello, Jubilee, Mayor Pingree. Strong bushy plants in bud and bloom, only $3.00 per 100; 15,000 to sell.

Geraniums. Bruanti, Hetheranthe, White Swan, La Favorite, American Wonder, strong 2½-in., only $1.50 per 100.

Asparagus Sprengeri. XX strong, 2½-in., ready for 4-in., only 5c.

Crimson Rambler Roses. Field-grown, canes 3 and 4 feet, only $10.00 per 100.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Clematis and Bulbs.

Clematis coccinea, $40 to $45; crispa, $30 to $35	per 1000
Amaryllis formosa	15 "
Milla bifl	10 "
Bessera elegans	11 "
Zephyranthes sulphurea	6 "
Cooperia, two kinds	$2.50 to 4 "
Cacti seed, mix, per lb., $12.	ORDER NOW.

WILLIAM TELL, - - AUSTIN TEXAS.

Mention The Review when you write.

California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers $20.00 per 1000.

F. LUDEMANN,

Pacific Nursery, SAN FRANCISCO, CAL.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in. pots, $4.00 per 100; $35.00 per 1000. Field grown M. Louise and Lady Campbell, $4.00 per 100; $35.00 per 1000.

Roses—Meteors, Perles, Maids and Brides, extra fine stock, 3-inch, $3.00 per 100; $20.00 per 1000.

A bargain on Carnations, such as White Cloud, Flora Hill, New York, etc. Let us figure on your order.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

COLUMBUS, O.

The Ohio State fair, held in this city September 3 to 7, made it a very busy week. The exhibitions in most of the departments were small. E. L. Charles had an elegant display in plants and cut flowers; the funeral designs were beautiful and very attractive. Mr. Dew, the superintendent of the floral department, is entitled to much credit for his good arrangements.

First premiums were awarded to E. L. Charles for best collection of palms, ferns and lycopodiums, begonias, crotons, asters, six hanging baskets, collection of variegated plants, pair of hand bouquets, handle basket, display of floral designs, single design, cut roses, cut dahlias, cut asters, and cut flowers in variety; and to Mr. Breace, of West Berlin, Ohio, for cannas, geraniums, pair of vases and cut gladioli.

Miss N. Anna Long made a fine display of plants and cut flowers in the amateur department and was awarded several premiums.

The Ohio State Agriculture Department of the O. S. U. made a grand display.

The Livingston Seed Co. has the honor of growing the finest cannas in the city.

Mr. Emil Metzmair has returned from Europe. He reports having a jolly good time.

Mrs. E. L. Charles was severely burned last week while putting out a fire, caused by an exploded lamp. Damage was slight. G. E. A.

TORONTO.

The second annual bicycle races of the employes of J. H. Dunlop, florist, were held on the Dufferin race track on the afternoon of Saturday, Sept. 8, and proved a great success. Following is a list of the prizes and winners:

Three miles, scratch race, prizes donated by J. H. Dunlop—J. Mortimer, first, silver-mounted suspenders; A. Thorntorr, second, sterling silver match box.

10 miles, handicap bicycle race—M. Atkinson, 4½ min., first place, prize, marble clock, given by Messrs. Poole & Barber; J. Milne, scratch, first time prize, Ansonia clock, given by J. H. Dunlop; F. Saunders, 2 min., second time prize, album, given by employes; G. Hager, 1 min., second place prize, lamp, given by employes.

After the races the employes and their friends adjourned to the home of Mr. J. Milligan, president of the meeting, and partook of refreshments, after which music, songs and recitations became the order of the evening, during which Mrs. Dunlop, who had kindly consented to distribute the prizes to the successful winners, did so in her usual graceful manner, after which a hearty vote of thanks was passed to their employer and Mrs. Dunlop and friends who so kindly donated such handsome prizes to be competed for, Mr. Dunlop suitably responding, thus ending a most enjoyable evening. G. P.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
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The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
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WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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H. G. **Berning**
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO
Greenhouses; Pleasant Hill, Mo.
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
Valley	4.00 to 5.00
Sweet Peas	.10 to .25
Lilies	10.00 to 12.00
Adiantum	.50 to .75
Common Ferns	per 1000, 1.50
Smilax	per doz., $1.25 to 1.50
Asparagus "	5.00 to 6.00

Full line of Field Grown Carnation Plants to offer.

SEEDS AND BULBS.

Callas, select, 1¼ to 1½-in. diam., per 100	$5.00
" " 1½ to 1¾ " "	7 00
" " 2 to 2½ " "	9.00
Bermuda Freesias, ⅜-in. and up, per 1000	5.50
" " ½ " "	6.50

Harrisii Lilies, Longiflorum, Roman Hyacinths, Paper Whites. **Prices on application.**

All Dutch Bulbs in Season.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Choicest Mixture	.50
Gloxinia Hybridi, Choicest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
Cape Flowers, white, per lb	.85
" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second " .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastica, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45 47, 49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

Sago Palms.

Fine stock, **$3 00, $4.00** and **$5.00** per doz. Best stock in the market.

Latania Borbonica.

3-inch, good stock, strong character leaves, **$10.00** per 100.
4-inch, very fine, ready for 6-in. pots, **$20.00** per 100.
5-inch, full character leaves, **$5.00** per doz.
6-inch, fancy stock, **$9.00** per doz.; all clean and in the best of shape.

A Few Fine.....Rubber Plants.

Single stems, 5 to 6 feet high, **$1.00** each; well foliaged down to the pots.

A Few Hundred Cyperus.

3-inch pots, very fine, **$4.00** per 100.

Cape Jessamine.

4-inch, pure white flowers in bloom all the year, **$1.50** per doz.; **$10.00** per 100.

Can ship by freight, well packed, as long as weather permits.

Satisfaction guaranteed. Cash please.

CRITCHELL'S,

CINCINNATI, O.

Mention The Review when you write.

Cyclamen

for Christmas blooming. Fine large healthy plants, 4-in., $8.00 per 100.

Chinese Primulas. 2-inch, $2.00 per 100. 300 for $5.00.

....PANSY SEED....

New crop, prize mixture or separate, superb strain Bugnot, Cassier, Odier and Trimardeau, $2.00 per oz.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

Meteors and Perles.

We are in a position to make particularly good use of regular consignments of these Roses, and invite correspondence or a personal visit from growers who are looking for a good market.

E. C. AMLING,

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.

32-34-36 Randolph Street, CHICAGO.

Mention The Review when you write.

FOR

PALMS

Write to Walter Retzer & Co.

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

15,000 Extra Fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of **Asparagus Plumosus Nanus,** out of 2½-in. pots. A few thousands mixed **Roses** on hand for planting. **WRITE FOR PRICES.**

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write

SPECIAL OFFER until OCT. 1st.

PHOENIX CARNARIENSIS.

Elegant stock. Fully characteristic. 4½-in. pots, **$25.00** per 100; 5½-in. pots, **$35.00** per 100. This is surely a bargain.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

Bronze Galax Leaves

Every leaf guaranteed perfect.

One-Dollar-Twenty-Five per 1000.

Try a sample **Fifty** for Ten Cents in stamps, delivered **Free.**

AMERICAN ROSE CO., Washington, D. C.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

PHILADELPHIA.

Cut flower business conditions during the past week were very little brighter than during the summer. Very few good roses are coming into town; carnations are not plentiful, either, but the demand is light. Outdoor flowers have suffered from the dry weather, the first of an unusually moist summer.

The trade in foliage plants, for which this market is famous, has begun with the out-of-town orders. The stock is excellent and shows careful culture.

The growers are busy as bees. The rose men are tying, feeding and disbudding. The carnation men are lifting and staking. The general florists are attending to the thousand and one matters that September always brings. While the seedsmen are receiving and distributing millions, yes, millions, of foreign bulbs. Would that we grew these little bulbs in our own country.

PHIL.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

The Conard & Jones Co., of West Grove, Pa., register the following cannas: "Montana"; flowers bright cream yellow. "West Grove;" color, rich coral pink, slightly dappled with crimson and shaded yellow in the throat. Foliage green, slightly edged with purple, large and exceedingly tough.

Henry Eichholz, Waynesboro, Pa., registers new geraniums as follows: "Eben E. Rexford," single, light pink, with white eye. "Dr. E. A. Herring," single, brilliant scarlet overlaid with red. Described as having the dwarfness and floriferousness of Mars and America with the constitution and foliage of the Bruant type.

WM. J. STEWART, Secretary.

WARREN, O.—Geo. W. Gaskill, the florist, died Sept. 7 at a hospital in Cleveland, as the result of an operation, aged 47 years. He has been in failing health for several years. He was a genial, whole-souled man and had many friends in the trade who will be deeply grieved to hear of the fatal termination of his illness.

LYONS, KANS.—Mrs. H. B. Smith, formerly of Maroa, Ill., has located here and will engage in the florist business in this place.

RAVENNA, O.—Jas. Elmslie has sold his greenhouses to a Mr. Mellon and now devotes his full time to Maple Grove Cemetery, of which he has been superintendent for a year past.

SUMMIT, N. J.—Dean & Parse are building three more houses for ferns. Their stock of Adiantum Farleyense is extra fine.

VALPARAISO, IND.—The Northern Indiana Seed Co. has been incorporated with a capital stock of $2,000. The incorporators are E. E. Shedd, E. B. Shedd and H. J. Schenck.

SPRINGFIELD, MASS.—The Amateur Horticultural Society has decided not to have a flower show this year. This will be the first time in twelve years the show has been omitted. Outdoor flowers are in very poor condition here this year.

PHILADELPHIA—J. Koehler & Son are erecting two houses, one 22x125 and the other 14x125.

Cheap=To Close Out.

	Per 100	Per 1000
BOSTON FERNS. The true variety, from 2½-in. pots	$3.00	$25.00
ASPARAGUS PLUMOSUS NANUS. From 2½-in. pots	3.50	30.00
ASPARAGUS SPRENGERI. From 2½-in. pots	2.50	20.00
ACALYPHA SANDERII. From 2½-in. pots	4.00	35.00
" " " 3-in. pots, strong plants	6.00	
CROTONS. Twelve best bedding varieties, from 2½-in. pots, elegant plants. These will be fine to shift on for next year's bedding.	3.00	25.00
PONDEROSA LEMON. Largest Lemon grown. Bears fruit weighing two pounds and over. Is bound to become a popular plant. Fine plants from 2½-in. pots, per dozen, $1.00	7.00	
CALLA LILIES. 1¼ to 1½-in. diam., per dozen, 75 cents	5.00	
" " 1½ to 1¾ " " $1.25	7.00	
THE TWO NEW RUSSELIAS, Lemoinei Multiflora and Lemoinei Elegantissima, per dozen, 60 cents	4.00	
BOUGAINVILLEA SANDERIANA. From 2½-in. pots	6.00	
WEEPING LANTANAS. 2½-in. pots	2.00	18.00
OTAHEITE ORANGE. From 2½-in. pots	3.00	25.00
" " " 3 "	4.50	40.00

Send us your list of Roses for quotation.

Our Fall Trade List now ready. Write for it.

THE GOOD & REESE CO., Springfield, O.

The Largest Rose Growers in the World.

Mention The Review when you write.

FIELD GROWN Carnation Plants.

Genevieve Lord, finest commercial pink, fine plants	$12.00 per 100	Second size,	$10.00 per 100
The Marquis	12.00 " 100	" "	10.00 " 100
Ethel Crocker	12.00 " 100	" "	10.00 " 100
Mrs. Thos. W. Lawson	$15.00 per 100	Mrs. Joost	$5.00 per 100
Estelle	12.00 " 100	Evelina	5.00 " 100
50 J. Whitcomb Riley	12.00 " 100	Gomez	5.00 " 100
White Cloud	6.00 " 100	Maceo	5.00 " 100
Flora Hill	5.00 " 100	Portia	4.00 " 100
America	5.00 " 100	Pingree	5.00 " 100

Seedling No. 80, fine plants, $8.00 per 100. No. 80 is a bright pink, very free winter bloomer, averaging stems two to three feet.

SEND IN YOUR ORDER PROMPTLY. FIRST COME, FIRST SERVED.

H. WEBER & SONS, OAKLAND, MD.

CHINESE... PRIMROSES

Only 15,000 Finest Large Flowering Fringed, per 100, $1.75; per 1000, $15.00.
Obconica Grand. Fimbriata, Rosea (ready Sept. 20) and Forbesi, per 100, $2.00.

ASPARAGUS. Sprengeri, $3.00 per 100. Plumosus, $4.00 per 100.

PANSY PLANTS. Oct. 15. Large Flowering, 50c per 100, $3 per 1000. **Cash Please.** **JOS. H. CUNNINGHAM,** DELAWARE, OHIO.

Mention The Review when you write.

SCOTTS { Per 100.....$2.50 / Per 1000.....20.00

Evelina, Daybreak, Tidal Wave,

Per 100....$3.00 Per 1000....$25.00

JOHN REDING,

277 Balmoral Avenue, Chicago.

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HOLLY. Finest Quality. Any Quantity.

Write for prices delivered at your door.

CALDWELL THE WOODSMAN CO., Inc.
Evergreen, Ala.

Mention The Review when you write.

CABBAGE PLANTS. H. Succession, Early and Late Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY PLANTS. Pink Plume, New Rose and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Extra strong plants, 25c per 100; $1.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Celery and Lettuce; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.



A Fine Lot of Plants

At Low Prices to Close Them Out....

	Per 100
500 Choice Mixed Ferns, 4-in	$ 8.00
20,000 Pansy Plants, giant fancy flowering, ⅙ of new ruffled, per 1000, $4.00.	
5,000 Flowering Begonias 10 choice varieties, 2½-in	1.50
10,000 Geraniums, fine rooted, a mixture of 40 choice varieties, 2½-in	1.50
200 Boston Ferns, extra strong, 5-in	10.00
2,000 Field-grown Roses, Bride, Bridesmaid and Perle	5.00
2,000 Stock Plants Geraniums, mixed, field-grown	5.00
1,000 Coleus, named, 10 varieties, field plants	5.00
10,000 Chinese Primulas, in separate colors; blue, white, pink and red, Barnard's strain, strong, 2¼-in	1.50

Estimates given for January delivery of R. C. Carnations of all the leaders—200,000.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Carnations

FIELD GROWN PLANTS.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Send for Price List.

Mention The Review when you write.

FIELD-GROWN CARNATIONS

Daybreak, Scott, Portia, Silver Spray, Genesee, Cartledge, Jubilee and Triumph, } **$5 per 100; $40 per 1000**

FIELD-GROWN VIOLETS,

$5 per 100; **$40** per 1000.

Pot-Grown Violets,
3-inch, **$3** per 100; 4-inch, **$4** per 100.

WM. F. KASTING, 481 Washington Street, BUFFALO, N. Y.

Mention The Review when you write.

FIELD-GROWN CARNATION PLANTS.

America, G. H. Crane, Gov. Griggs, Melba, Gen. Maceo, Gen. Gomez, Sandusky.

PRICES ON APPLICATION.

W. E. HALL, - CLYDE, Ohio.

Mention The Review when you write.

SURPLUS CARNATIONS

McGowan, Evanston, Daybreak, Wm. Scott, Joost, **$3.00 to $4.00 per 100.**

Extra Fine Primrose, $3.00 per 100.

JAS. C. MURRAY, 403 Main St., Peoria, Ill.

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Florists' Review

When Writing Advertisers.

Field-Grown Carnation Plants.

READY FOR IMMEDIATE SHIPMENT.

	Per 100	Per 1000
Olympia	$12.00	$100.00
The Marquis	12.00	100.00
Red Bradt	8.00	75.00
Mrs. Jas. Dean	6.00	50.00
G. H. Crane, extra selected,	8.00	75.00
" " second size	6.00	50.00
Gen. Maceo, extra size	$8.00	$75.00
" second size	5.00	40.00
Gen. Gomez	5.00	40.00
Mrs. G. M. Bradt, selected	8.00	75.00
Wm. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent. discount if cash is sent with the order.

THE COTTAGE GARDENS, QUEENS, L. I., N. Y.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 120,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE BUTTERCUP G. M. BRADT
$1.50 per doz.; $8.00 per 100.

CRIMSON SPORT ARMAZINDY JUBILEE ELDORADO DAYBREAK WHITE CLOUD MELBA MAUDE ADAMS TRIUMPH
$1.25 per doz.; $6.00 per 100.

McGOWAN L. L. LAMBORN SWEET BRIER METEOR FLORA HILL PORTIA MRS. FISHER ALBERTINI WM. SCOTT DOROTHY SWEET C. A. DANA
$1.00 per doz.; $5.00 per 100.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring or freedom of bloom by any other grown. Price 50c per 100; $4.00 per 1000.

J. L. DILLON, - - BLOOMSBURG, PA.

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Asparagus Plumosus Nanus,

Strong plants, from 2½-in. pots, ready for a shift, $5.00 per 100.

ASPARAGUS SPRENGERI, large field-grown clumps, first size, to be potted into 6-in. and 7-in. pots. $10.00 per 100. Second size, for 5-in. pots, $6.00 per 100.

BEGONIA REX, fine stock in 3-in. pots ready for a shift, in good assortment, $6.00 per 100.

CYCLAMEN, strong bushy plants in 2½-inch pots, finest strain, three colors, $4.00 per 100.

CHINESE PRIMROSES, Globosa type, best strain grown. White, pink and red, 2¼-in. pots, $2.50 per 100; 3-in. pots, extra strong, $5.00 per 100.

BABY PRIMROSE, extra fine, from 2½-in. pots, ready for shift, $4.00 per 100.

Nathan Smith & Son, Adrian, Mich.

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EXTRA FINE, FIELD-GROWN

Carnation Plants!

Let Us Figure on Your Wants.

CHICAGO CARNATION CO., Joliet, Ill.

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CARNATIONS!

Field-grown **MARQUIS,**
First, $15.00; Second, $10.00.

L. E. MARQUISEE, Syracuse, N. Y.

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GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER.
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

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THE MODEL PLANT STAKE CO.,

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THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

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FIELD-GROWN CARNATIONS

With Plenty of Roots.

Send for prices on 35 best new and standard varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi (chenille plant). Extra strong, 2½-inch pots, 4 to 6 inches high, $1.00 per dozen; $6.00 per 100.
The Calla Greenhouses, Calla, Ohio.

Acalypha Sanderii, 2½-in., $4.00 per 100; $35.00 per 1000. 3-in., strong plants, $6.00 per 100. Good & Reese Co., Springfield, Ohio.

AGERATUM.

Ageratum Princess Pauline, 60c per 100. Nice healthy stock. Express prepaid. F. E. Bonham, Macomb, Ill.

ALYSSUM.

2000 double sweet alyssum, bushy, for winter, $2.50 per 100. Cash, please. Benj. Connell, West Grove, Pa.

Giant double alyssum, 3-in. pots, $3 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

ARAUCARIAS.

20 Araucaria Excelsa. Specimens, 4 to 5 ft. high, 7 to 10 tiers, $4.00 each. The lot, if taken at once, $70.00. Cash, please. Richard H. Kidder, Waltham, Mass.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

A. plumosus nanus, strong plants from 2½-in. pots, $5.00 per 100. A. Sprengeri, large field-grown clumps, first size, to be potted into 6 and 7-in. pots, $10.00 per 100; second size, for 5-in., $6.00 per 100. N. Smith & Son, Adrian, Mich.

Asparagus Plumosus Nanus. First-class, extra fine stock, for use at once. 2¼-in., strong plants, per 100, $3.50 and $4.00. 3 in., strong plants, per 100, $5.00 and $6.00. Terms cash.
W. C. Bryfogle, Bloomsburg, Pa.

A. Sprengeri, 6-in. pots, heavy, $4.00 per doz.; $25.00 per 100; 5-in., $2.50 per doz.; $15.00 per 100. Cash with order, or 25 per cent if C O. D. A. Nelson, Box 1450, Paterson, N. J.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100; $20.00 per 1000. Nice plants from 2½-in. pots.
Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kan.

Plumosus nanus, strong plants, 3-in. pots, $8.00 per 100. Cash with order. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Tenuissimus Nanus, 3-inch, $5.00 per 100; strong, 3½ in., $8 per 100. Jno. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

1500 Asparagus Plumosus Nanus, 3-in. pots, fine, $10.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

A. Sprengeri, 2-in. pots, $2.00 per 100. Cash with order. Mrs. E. Kuntz, 352 So. 1st St., Frankfort, Ind.

A. Sprengeri, 2-in. $3.50, 2½-in. $4.00, 3½-in. $5.00 per 100. Cash. Roney Bros., West Grove, Pa.

Plumosus, 2½-in., $5.00 per 100. Sprengeri, 2½-in., $4.00 per 100. The National Plant Co., Dayton, O.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

Sprengeri, 6-in., 20c; 5-in., 15c. Cash, please. Benj. Connell, West Grove, Pa.

A. Sprengeri, strong 2½-in., 5c. South Side Floral Co., Springfield, Ill.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Sprengeri, strong, 4-in. pots, $10.00 per 100.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

For full list of sizes and prices see display adv. in this issue.
H. A. Dreer, 714 Chestnut St., Philadelphia.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonia Rex (rooted cuttings). I have a most beautiful collection of this justly popular pot plant in 25 varieties, at $2.00 per 100, assorted.
Paul Mader, East Stroudsburg, Pa.

We are headquarters for Rex Begonias. Fine stock from 2-in. pots, $4.00 per 100; 4-in., $1.00 per doz.
G. R. Gause & Co., Richmond, Ind.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

5,000 flowering begonias, 10 choice varieties, 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

BERRIED PLANTS.

600 Solanum Jerusalem Cherry. Bushy and well fruited, from ground. $10.00 and $15.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

BROWALLIA.

Browallia Gigantea (True), 2½ in. pots, $3.00 per 100. Rooted cuttings, $1.50 per 100. Henry Eichholz, Florist, Waynesboro, Pa.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BOUVARDIAS.

75 clumps Bouvardia, President Garfield, A. Neuner and Rosea Multiflora, $1.25 per doz.; $10.00 per 100.
S. S. Peckham, New Bedford, Mass.

BULBS.

California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100 $25.00 per 1000. Narcissus Paper Whits, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs.
F. Ludemann, Pacific Nursery, San Francisco, Cal.

Harrisii and Callas ready now. Write for prices. Bermuda, Freesias and Oxalis, Romans, Paper White and Holland bulbs soon to arrive. Let us give prices on your requirements. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Bulbs, per 1000: Amaryllis formos., $15.00; Milla bifl., $10.00; Bessera elegans, $11.00; Zephyranthes sulphurea, $6.00; Cooperia, two kinds, $2.50 to $4.00. Order now.
W. Teil, Austin, Tex.

Ready for delivery now.

Hyacinths.	100	1000.
Early White Roman, select, 12-15 cm.	$1.85	$17.00
Single Blue Roman, select, 12-15 cm.	1.50	14.00
Single Rose Roman, select, 12-15 cm.	1.40	13.00
Double Rose Roman, select, 12-15 cm.	1.40	13.00

Dutch Hyacinths: Extra size, separate colors, doz., 60c; 100, $4.50; 1000, $40.00. A grand lot of named sorts, all popular florists' varieties, doz., $1.00; 100, $6 to $7.

Miniature or Dutch Romans. 11-12 cm., in named sorts or separate colors, doz., 40c; 100, $2.75; 1000, $24.00 up. Produce flower spikes equal to 2nd size hyacinths. Great for growing in pans for Xmas.

Narcissus.	100	1000
Paper White, Giant Flowering, 1st size	$1.00	$9.00
Paper White, Giant Flowering, 2d size	.85	7.50
Early Double Roman, fine forcer	1.00	8.00

	Doz.		
Golden Sun, orange cup	$0.25	1.75	14.00
Trumpet Major, favorite forcer	.20	1.00	8.50
Von Sion, Dutch grown, XXX, giants	.40	2.00	17.00
Von Sion, Dutch grown, XX, select	.30	1.60	14.00
Von Sion, Dutch grown, X, fine	.20	1.25	10.00
Mixed Trumpet Narissus, choice	.20	1.00	8.00

Tulips are in—get the first choice. We have them, fine large bulbs, mixed or separate colors, all forcing sorts. We give you a few sample prices:

	12	100	1000
LaReine, the unexcelled forcer	$0.20	$1.25	$10.00
Belle Alliance	.20	1.25	9.50
Keizerskroon	.20	1.25	10.50
La Candeur	.20	1.10	8.50

Crocus should be planted now. We have whoppers in size, 1—1½-ins. diameter, all sorts and colors.

Freesia Refracta, true white, 1st size, 100, 75c; 1000, $6.00; 2nd size, 100, 50c; 1000, $3.50. White, yellow throat, 1st size, 100, 50c; 1000, $4.00; 2nd size, 100, 40c; 1000, $2.50.

Calla Ethiopica, 3-5 in. circum., doz., 50c; 100, $4.00; 4-6 in. circum., doz., 75c; 100, $5.50; 1000, $50.

Lillies, Harrisii, as healthy as best Bermudas, 5-7, 100, $4.25; 1000, $40; 7-9, 100, $9.50; 1000, $90. Lil. candidum, strong bulbs, doz., 60c; 100, $4.50.

Longiflorum are in from Japan. First advance shipment. Earliest ever arrived in New York. As long as unsold:

	12	100	1000
6-8	$0.60	$3.75	$31.00
7-9	.75	5.50	50.00
9-10	1.25	8.50	80.00

Bulbs, 25 at 100 rates; 250 at 1000 rates; 5 per cent cash discount on above list for one week.
H. H. BERGER & CO. (established 1878). 47 BARCLAY ST., NEW YORK.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Bulbs now ready. Roman and Dutch hyacinths, narcissus, tulips, etc. Write for wholesale catalogue. J. M. Thornburn & Co., 36 Cortlandt St., New York.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

California grown bulbs. Send for our special trade list. Address California Nursery Co., Niles, California.

Callas, 1½ to 1¾ in. diam., $1.25 per doz.; $7.00 per 100.
Good & Reese Co., Springfield, Ohio.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

Mamillaria minima, dainty little gems. Echinopsis Eyriesii, fragrant white blossoms. Stapelia grandiflora, hairy star shaped flowers. Aloe arborescens, showiest Aloe in bloom. Haworthia subulata, a speckled beauty. Nice plants, sure to please, $8.00 per 100; $1.00 per doz. Offsets root easily, $2.50 per 100; 35c per doz. George Leaver, P. O. Box 549, Los Angeles, Cal.

CARNATIONS.

Field-grown Carnation Plants, Per 100:

Genevieve Lord	1st size, $12.00; 2d size,	$10.00
The Marquis	1st size, 12.00; 2d size,	10 00
Ethel Crocker	1st size, 12.00; 2d size,	10.00
Mrs. Thos. W. Lawson		$15.00 per 100
Estelle		12.00 "
50 J. Whitcomb Riley		12.00 "
White Cloud		6.00 "
Flora Hill		5.00 "
America		5.00 "
Mrs. Joost		5.00 "
Evelina		5.00 "
Gomez		5.00 "
Maceo		5.00 "
Portia		5.00 "
Pingree		5.00 "

Seedling No. 30, bright pink, very free winter bloomer, fine plans, $8.00 per 100. Send in your order promptly.
H. Weber & Sons, Oakland, Md.

Field-grown plants, ready for immediate shipment.

	Per 100.	Per 1000.
Olympia	$12.00	$100.00
The Marquise	12.00	100.00
Red Bradt	8.00	75.00
Mrs. Jas. Dean	6.00	50.00
G. H. Crane, extra selected	8.00	75.00
G. H. Crane, second size	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
Gen. Maceo, second size	5.00	40.00
Gen. Gomez	5.00	40.00
Mrs. G. M. Bradt, selected	8.00	75.00
W. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent discount for cash with order.
The Cottage Gardens, Queens, N. Y.

Field-grown carnations. Large, healthy plants, clean and ready for immediate planting.

	Per 100.	Per 1000.
G. H. Crane	$7.00	$60.00
Triumph	5.00	40.00
Flora Hill	5.00	40.00
White Cloud	5.00	40.00
Jubilee	3.50	30.00
Bon Ton	3.50	30.00
Lizzie McGowan	3.50	30.00
Armazindy	3.50	30.00

WIETOR BROS.,
51 Wabash Ave., Chicago.

Carnations. Field-grown, strong, healthy plants. McGowan, No. 1, $3.00 per 100; $25.00 per 1000; No. 2, good plants, $2.00 per 100. Scott, No. 1, $4.00 per 100; $30.00 per 1000; No. 2, $2.50 per 100. Daybreak, Victor and Flora Hill, No. 1, $5.00 per 100; No. 2, $3.00 per 100. McGowan Sport, No. 1, $4.00 per 100; No. 2, $3.00 per 100. This we have selected and grown for the past six years. It has a stronger, shorter stem than McGowan, and good for side benches. Cash with order.
Chas. Black, Hightstown, N. J.

20,000 extra fine field-grown carnations, Scott, Flora Hill, McGowan, Mrs. F. Joost, Mary Wood, New York, Bon Ton, Albertini, Thos. Cartledge, Argyle, Gold Nugget, Lily Dean, Leslie Paul, Iris Miller, Elsie Ferguson at $6.00 per 100; $50.00 per 1000. Melba, G. H. Crane, $8.00 per 100. The above are all good, strong plants.
Evenden Bros., Williamsport, Pa.

40,000 carnations. Strong field grown.

	Per 100	Per 1000
Wm. Scott	$3.00	$25.00
McGowan	2.50	20.00
Armazindy	3.00	25.00

Cash with order, please.
Wm. Fluegee, 154 Lawrence Ave., Station X, Chicago.

Extra fine field-grown stock. White Cloud, $6.00; Flora Hill, $5.00; Daybreak and Wm. Scott, $4.00 per 100. Also a limited supply of Marquise, G. H. Crane, Gen. Gomez, Mrs. Bradt, Gold Nugget, Victor and Triumph. These are excellent plants. Prices on application. W. A. Wettlin, Hornellaville, N. Y.

20,000 field-grown carnations, extra large, fine, well-shaped plants. Gold Nugget, Daybreak, Wm. Scott, Rose Queen, McGowan, Jubilee, and Meteor. Write for prices before placing your order.
W. T. & F. P. Butz, New Castle, Pa.

50,000 extra fine carnations. Argyle, Scott, Tidal Wave, Evelina and McGowan, $3.00 per 100; $25.00 per 1000. G. H. Crane, $10.00 per 100. Daybreak, $4.00 per 100. White Cloud, $5.00 per 100. Flora Hill, $3.50 per 100; $30.00 per 1000.
Mrs. A. M. Schafer, 277 Balmoral Av., Chicago.

30,000 field-grown carnations, extra fine, large and well-shaped plants. Flora Hill, Evelina, Daybreak, Triumph, Victor, Red Jacket, Albertini, Tidal Wave, Genesee, Joost and Meteor, $5.00 per 100. White Cloud, $7.00 per 100. Special price on large quantities. P. R. Quinlan, 904 W. Genesee St., Syracuse, N. Y.

Extra fine field-grown Carnation Plants. Daybreak, $5.00 per 100; G. H. Crane, $5.00 per 100; John Young, $6.00 per 100; Gen. Gomez, $8.00 per 100; Sebec, $5.00 per 100; Scott, $5.00 per 100; Alaska, $5.00 per 100; Tidal Wave, $5.00 per 100. Herman C. Steinhoff, 578 Hudson Boulevard, West Hoboken, N. J.

Our carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send them to all parts of the U. S. in perfect condition. For varieties and prices see large adv.
J. L. Dillon, Bloomsburg, Pa.

Field-grown carnations—

Flora Hill	$6.00 per 100
Marquis	12.00 "
Ethel Crocker	12.00 "
Crane	8.00 "
Melba	6.00 "

H. F. Littlefield, Worcester, Mass.

For sale or exchange—the following carnations: 3000 McGowan at $3.00 per 100; 100 Portia at $2.50; 200 Kittie Clover at $3.25; 300 Eldorado at $3.50; 100 Scott at $3.00. Will exchange for Smilax, Primula Obconia, or Double Violets. E. Wickersham & Co., Pottstown, Pa.

Splendid stocky plants, clean and healthy. Hill, McGowan, White Daybreak, Snow Queen, Scott, Cerise Queen, Victor, Joost, Daybreak, Eldorado, Pingree, $3.50 to $5.00 per 100; $28.00 to $38.00 per 1000. I want 600 ft. of 1 and 1¼-in. pipe. W. H. Watson, Lapeer, Mich.

Carnations (field-grown). Strong Daybreak, Flora Hill, Jubilee, $4.00 per 100. McGowan, Portia, $3.00 per 100, $25.00 per 1000. Also a few Lawson, Crane, Bradt, etc. Richard Insall, West Mooreatown, N. J.

Field-growing carnations. Extra fine plants. Frances Joost, White Cloud, John Young, Daybreak, C. A. Dana, $5.00 per 100; seconds, $3.50 per 100. Flora Hill, seconds, only $3.50 per 100. Cash with order. Rowehl & Granz, Hicksville, L. I., N. Y.

A bargain in Carnation Plants. 3000 Scott, 1500 McGowan, good medium plants; 175 Meteor, 75 Albertini, fine large plants. Make me an offer for lot. Must have the land at once. H. M. Woundy, New Canaan, Conn.

Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment. Ed. Kirchner, Winona, Minn.

8000 good, healthy carnation plants. G. H. Crane $7.00, White Cloud $6.00, Mrs. F. Joost $5.00, Daybreak, Mrs. Jas. Dean, Flora Hill $4.00, Pingree and Mary Wood $3.50 per 100. Cash. Carl Rauth, Springfield, Ill.

G. H. Crane, the finest of all the scarlets. We have 10,000 extra fine plants for immediate delivery at $8.00 per 100; $75.00 per 1000. Cash with order. S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

Field-grown carnations. Daybreak, Scott, Portia, Silver Spray, Genesee, Cartledge, Jubilee, Triumph, $5.00 per 100; $40.00 per 1000. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Carnation plants. Strong field-grown plants, of Scott, Daybreak, White Cloud, Flora Hill, and Harrison's White. Cheap for cash, at the Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

Extra carnation plants. Per 100: McGowan $4.00, Dana, New York, Lady Emma, Flora Hill, John Young $5.00; second sizes cheaper. Cash please. William Stuppe, Hollis, L. I., N. Y.

Field Grown Carnations. Genesee, Tidal Wave, Wm. Scott, Emily Pierson, Thomas Cartledge, $4.00 per 100; $35.00 per 1000. Lizzie McGowan, $3.00 per 100. Cash with order.
D. Wm. Brainard, Thompsonville, Conn.

White Cloud, fine plants, $4.00 per 100. Cash. Mrs. E. Kuntz, 352 So. 1st St., Frankfort, Ind.

Carnations. Strong, healthy, field-grown plants. Melba, $6.00 per 100; Scott, $5.00 per 100; F. Hill, $5.00 per 100; Daybreak, $5.00 per 100; Elsie Akehurst, $5.00 per 100.
I. H. Moss, Govanatown, Baltimore, Md.

10,000 carnation plants. Extra fine, large plants, carefully packed, F. Hill, Alaska, McGowan, Scott, C. A. Dana, E. Pierson, Eldorado, Armazindy. $35.00 per 1000; $5.00 per 100.
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Carnation Plants. Scott, McGowan, Daybreak, Portia, Pingree, Eldorado, Crane, America, Maceo, Gomez, Melba, White Cloud. For cash only.
W. C. Goodrich, West Troy, N. Y.

Feld-grown carnations. 1500 Flora Hill, 3000 Lizzie McGowan, 1500 Wm. Scott, 1000 Tidal Wave, $3.00 per 100; $25.00 per 1000. Cash with order.
Chas. Wiffin, Des Plaines, Ill.

Carnation plants, field-grown. 1000 each of Wm. Scott, McGowan and Eldorado at $30.00 per 1000. 1000 Flora Hills at $40.00. Cash please. A. B. Campbell, Cochranville, Pa.

10,000 carnation plants to close out. Scott, McGowan, Tidal Wave, Argyle, $2.50 per 100; $20.00 per 1000. The Harms Park Floral Co., Berteau Ave., near Western Ave., Chicago.

Joost and Hill, $5.00 per 100; $40.00 per 1,000. The money makers all the year around. Daybreak, White Cloud and Triumph. Isaac A. Passmore, Route 7, West Chester, Pa.

10,000 extra fine plants. Flora Hill, Edith Foster, Daybreak, Joost, Jahn's Scarlet, White Cloud, $5.00 and $6.00 per 100. Cash with order. Geo. E. Buxton, Nashua, N. H.

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Field-grown carnations. Daybreak, $4.50 per 100; $40.00 per 1000. Scott, Portia, and McGowan, $4.00 per 100; $35.00 per 1000. The Bool Floral Co., Ithaca, N. Y.

10,000 field-grown carnations, for Sept. delivery—McGowan, Portia and Scotts—$3.50 per 100, or $30.00 per 1000. Cash, please. Benj. Connell, West Grove, Pa.

Feld-grown Wm. Scott, Fisher, Liberty, Duke of York, Annie Pixley, Lois Haettal, Eldorado, $3.00 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

Flora Hill, W. Scott, McGowan, Tidal Wave, Morello, Jubilee and Pingree, strong bushy plants, $3.00 per 100. Cash. South Side Floral Co., Springfield, Ill.

Field-grown carnations. Strong, thrifty plants. 750 Scotts, 100 Daybreaks, 150 Portia, $5.00 per 100. Cash with order. S. M. Harbison, Danville, Ky.

Carnations. Scotts, $2.50 per 100; $20.00 per 1000. Evelina, Daybreak, Tidal Wave, $3.00 per 100; $25.00 per 1000.
John Reding, 277 Balmoral Ave., Chicago.

Carnations: Flora Hill, White Cloud, Triumph, Daybreak, $5.00 per 100; Crane, America, $6.00 per 100. W. Sabransky, Kenton, O.

Field-grown carnations. Flora Hill, Kohinoor, Tidal Wave, Victor, Albertini, $4.00 per 100. W. D. Chase & Son, New London, Ohio.

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Field-grown carnations with plenty of roots. Send for prices.
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Fine field-grown chrysanthemums, suitable for 5 to 9-in. pots. Plants well branched low down on single stem, 18-24 inches across the top and with 50, 75 or 100 blossom stems. The varieties are: 400 Bonnaffon, 40 Pres. Smith, 100 Mrs. Robinson, 85 Mutual Friend, 150 Mrs. J. G. Whilldin, 60 Ivory, 75 Rose Owen, 60 Mrs. Peabody, 100 Autumn Glory, 50 Mrs. H. Weeks, 50 Golden Wedding, 50 G. Pitcher, 50 Western King and 50 Belle of Castlewood. Price, $15.00 to $25.00 per 100, according to size.
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Chrysanthemums. We have a surplus of strictly high grade, pot-grown stock, best varieties in 5, 6 and 7-in., at $20.00, $30.00 and $40.00 per 100.
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Chrysanthemums, ready for 6-in., all leading varieties, $2.25 per doz.; $16.00 per 100 Converse Greenhouses, Webster, Mass.

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Cissus discolor, pretty plants, 3-in. pots, $4.00 per 100.
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Clematis paniculata, strong 3 in., $5.00 per 100; 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

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Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1000.
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Cyclamen giant splendens, 2½-in. pots, fine, strong, good plants, $4.00 per 100. C. Winterich, Defiance, Ohio.

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A few hundred cyperus, 8-in. pots, fine, $4.00 per 100. Cash. Critchell's, Cincinnati, Ohio.

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Hardy daisies, Snowball and Longfellow, 50c per 100; $3.00 per 1000; $12.50 per 5000. Cash please. Byer Bros., Chambersburg, Pa.

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Field-grown Dracaena indivisa. Large plants ready for 5-in. pots, $8.00 per 100; 25 at 100 rate. L. A. Spoden, Erie, Pa.

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Field-grown dracaenas, 24 to 28 inches high, fine, strong plants, $1.25 per doz; $10.00 per 100.
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Farfugium grande, the beautiful Leopard plant, 3-in., nice plants, $1.50 per doz., postage paid. G. P. Moore, Ocean City, N. J.

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100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Japan fern balls. Florists' great moneymaker. Our firm was the first to import these in this country in 1878. Now is best time to order for December delivery. We book orders for these now at 10 per cent discount up to October 1st. Address H. H. Berger & Co. (established 1878), 47 Barclay Street, New York.

Fern spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00 postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
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Boston ferns and Davallioides furcans, extra fine, from bench, ready for 4-in. pots, 10c; 5-in., 15c; 6-in., 25c. Cash with order, or 25 per cent if C. O. D. A. Nelson, Box 1450, Paterson, N. J.

Boston Ferns, N. Exaltata Bostoniensis; small plants, $5.00 per 100 to $40.00 per 1000; largest size, $6.00 to $20.00 per 100; not less than 250 at 1000 rate.
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15,000 extra fine Boston ferns in all sizes of pots now ready for shipment. Write for prices. Geo. A. Kuhl, Pekin, Ill.

Ferns for dishes, etc., in 6 of the leading varieties, from 2½ in., $3.00 per 100. Jno. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

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H. A. Dreer, 714 Chestnut St., Philadelphia.

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Rubbers. Strong branched and single-stem plants. Branched, $9.00 per doz; single-stem, $6.00 per doz. Height, 30 inches. This is extra fine stock. Albert Funke, Bergen Ave., near Cypress Ave., Evergreen, L. I. Box 151.

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A few fine rubber plants, single stems, 5 to 6 ft. high, $1.00 each. Cash.
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Forget-Me-Not. True winter-flowering, 3 inch, $3.00 per 100; 4 inch, 75 cts. per dozen. Address John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

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A bargain, 2000 Mme. Bruant, La Favorite, B. Pointevine, S. A. Nutt, Marvel, Mrs. E. G. Hill, Hetheranthe, Contraste, W. H. Bailey and others, all clean, strong and healthy, $2.00 per 100, $18.00 per 1000, or the lot for $30.00. All in 2¼-in. pots. W. E. Hail, Clyde, Ohio.

Bruanti, Hetheranthe, White Swan, La Favorite and American Wonder, strong 2½-in., $1.50 per 100. Cash. South Side Floral Co., Springfield, Ill.

10,000 geraniums, June rooted, a mixture of 40 choice varieties, 2½-in, $1.50 per 100. 2000 stock plants, mixed, field-grown, $5.00 per 100.
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Best varieties, 2½-in., $2.00 per 100. R. Insall, West Moorestown, N. J.

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Grevillea for fern dishes, 3½-in., $5.00 per 100. Shellroad Greenhouses, Grange P. O., Baltimore, Md.

500 Grevillea Robusta, 3 in., per 100, $5.00, per 1000, $20.00. Terms, cash. W. C. Bryfogle, Bloomsburg, Pa.

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Collected Seedlings. Am. Linden, Am. Beech, Maple Sugar, Scarlet Maple, Magnolia acuminata, Magnolia tripetela, White Flowering Dogwood, Yellow Wood, Leather Wood, Spice Wood, Sweet Gum, Tulip Poplar, Red Bud, Water Beech, Hackberry. Please ask for prices on all kinds of tree and shrub seeds and seedlings. Taylor Perry, Jr., & Co., Roleta, Tenn.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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California privet, field-grown, 18 inches, $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

Hardy Herbaceous Plants. Ready to ship now. Plant early and let them get established before winter. All strong individual clumps. Per 100.

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Otaska, Red-Branched and Thos. Hogg, magnificent, strong plants, with 4 to 7 crowns, $10.00 per 100; $85.00 per 1000. Jackson & Perkins Co., Newark, New York.

1000 Hydrangea Otaksa. Fine plants, from ground, 2 to 9 branches, $10.00 to $25.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

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English ivy, 2½-in. pots, 10-in. vines, $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

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Cape Jasmine, 4-in., pure white flowers the year round, $1.50 per doz.; $10.00 per 100. Cash. Critchell's, Cincinnati, Ohio.

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Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
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Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100.
Good & Reese Co., Springfield, Ohio.

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Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ORANGES.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., $4.50 per 100; $40.00 per 1000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summitt, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

We offer 24 fine named varieties of paeonies in 500 or 1,000 lots at $75.00 per 1000.
W. & T. Smith Company, Geneva, N. Y.

PALMS, ETC.

Home-grown palms, free from insects and disease. They cannot fail to give satisfaction.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24	$12.00	$100.00
3 plants	8	30	30.00	.....
3 plants	8	36	36.00	.....

KENTIA BELMOREANA.

Inch pots.	leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$4.50	$35.00
6	6	24	15.00	125.00
6	6-7	26	18.00	150.00
			Each.	
8	6-7	30-32	3.00	.....
8	7-8	36	4.00	.....

KENTIA FORSTERIANA.

Inch pots.	leaves.	Inches high.	Per doz	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Sago Palms. Fine stock, $3.00, $4.00 and $5.00 per doz. Latania Borbonica, 3-in., good stock, $10.00 per 100; 4-in., very fine, ready for 6-in., $20.00 per 100; 5-in., full character lvs., $5.00 per doz.; 6-in., fancy stock, $9.00 per doz., all clean and in the best of shape. Cash.
Critchell's, Cincinnati, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Phoenix canariensis, elegant stock. 4½ in., $25.00; 5½-in., $35.00 per 100. This is surely a bargain. J. B. Heiss, Dayton, Ohio.

1200 Kentia Belmoreana, 3 to 5 in. pots, $15.00 to $50.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansy Plants. Giant, fine mixed, very strong, per 1000, $3.00. Orders not solicited for less than 5000. Special prices on 10,000 or more, buyer to pay express charges. John Lappe, Maspeth, L. I., the largest pansy grower in America.

50,000 pansies. Choice, large-blooming strain, strong and stocky, plants grown thinly in open field. Mixed colors, prepaid by mail, 60c per 100; by express, $4.00 per 1000. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Giant Trimardeau and Roemer's Superb Prize strains, 50c per 100, postpaid; $3.00 per 1000, $12.50 for 5,000, express. Our large flowering strain, 40c per 100; $2.50 per 1000; $10.00 for 5000. Cash please.
Byer Bros, Chambersburg, Pa.

Herr's Pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100; 250 for $1.50; 500 for $2.50; by express at your expense, $4.00 per 1000. A. M. Herr, Lancaster, Pa.

Pansies. Good, strong plants, from my own selected stock, fancy colors and large flowers, $4.00 per 1000. Cash with order. Alfred Funke, Bergen Ave., near Cypress Ave., Evergreen, L. I. Box 151.

Pansy plants worth raising, 500 for $2.50; 1000 for $4.00. F. O. B. express here. Cash. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansies. My strain is good and embraces a wide range of colors and varieties, 60 cts. per 100 by mail; $3.50 per 1000 by express. Cash with orders, please. W. C. Jennison, Natick, Mass.

Pansies. Strong plants ready now. Strain remarkable for size and color of bloom. By mail 50c per 100; by express $3.00 per 1000. E. Fryer, Batavia, Ill.

Pansy plants. Good, strong, plants ready to set out, of the finest mixture, at $3.50 per 1000. A. Wenisch, Duncombe Ave., Williamsbridge, N. Y. City.

Pansy plants, which for size, beauty of coloring and freedom of flower are unsurpassed, 50c per 100; $4.00 per 1000.
J. L. Dillon, Bloomsburg, Pa.

Zirnglebel's Giant pansy plants now ready, Giant Market $5.00, Giant Fancy $10.00 per 100. Denys Zirglebel, Needham, Mass.

Pansy plants Oct. 15. Large-flowering, 50c per 100; $3.00 per 1000. Cash please.
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100,000 pansies. Roemer's superb prize, good bushy plants, per 100, 50c; per 1000, $3.00.
S. T. Danley, Macomb, Ill.

20,000 pansy plants, Giant Fancy, $4.00 per 1000. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

PRIMROSES.

A grand stock of Chinese Primula plants from selected large flowering strains, ready now. From 2½-in. pots, separate colors, semi-double flowers, $5.00 per 100; $40.00 per 1000. Separate colors, single flowers, $4.00 per 100; $35.00 per 1000. All colors mixed, $3.50 per 100; $30.00 per 1000. Cash or references.
S. Alfred Baur, successor to H. A. Niemeyer, Erie, Pa.

Improved Chinese out of 2-in. pots. Well known as the finest, large-flowering fringed variety grown. Singles, named vars., in choice mixture, $2.00 per 100; $17.00 per 1000; Doubles, $3.50 per 100. Extras added to help pay expressage. J. F. Rupp, Shiremanstown, Pa.

Chinese primroses. Globosa type, best strs in grown. White, pink and red, 2¼-in., $2.50 per 100; 3-in., extra strong, $5.00 per 100. Baby primrose, extra fine, 2½-in., $4.00 per 100. N. Smith & Son, Adrian, Mich.

Chinese primroses. 15,000 finest large flowering fringed, $1.75 per 100; $15.00 per 1000. Obconica grand, fimbriata, Rosea and Forbesii, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Chinese Primroses (fringed), single and double, in the finest market vars., from 2¼ in. pots, $2.50 per 100. Paul Mader, East Stroudsburg, Pa.

Baby Primrose. Fine plants, in 3-inch pots, ready for a shift, $5.00 per 100. Cash with order, please.
D. Wm. Brainard, Thompsonville, Conn.

Chinese primroses, 2¼ and 2½-in., $2.00 per 100; 35c per doz. Forbesi, magenta red, per 100, $5.00. Cash.
J. E. De Walt, Box 82, Carlisle, Pa.

10,000 Chinese primulas, in separate colors, white, pink and red; Barnard's strain, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Finest, large-flowering, single, mixed fringed, Chinese primroses ready for 3-in., $2.00 per 100. Cash. W. G. Richardson, Bennington, Vt.

Baby primroses, out of 2½-in. pots, ready for 4-in., $2.00 per 100. Henry Eichholz, Waynesboro, Pa.

1000 primulas, named varieties, strong 2½-in. $3.00 per 100. J. C. Murray, 403 Main St., Peoria, Ill.

Red, white and mixed, 2-in., $2.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Chinese primroses, large-flowering, 2¼-in., $2.00 per 100. J. W. Miller, Hatton, Pa.

Baby primrose, 2¼-in., $4.00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Baby primrose, 2 and 2¼-in., $2.50 per 100.
C. A. Bitner, Fort Wayne, Ind.

Baby primrose, 2½-in., $4.00 per 100. Cash, Roney Bros., West Grove, Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ROSES.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000. Liberty: 12 plants for $7.20, 25 for $12.50, 50 for $15.00, 100 for $28.00.
Wood Bros., Fishkill, N. Y.

Field-grown, Own-root Roses. All the best sorts, tender and hardy. Our solicitor will visit you and make prices, regardless of where you live or quantity you want, if you will drop us a card at once. The Howland Nursery Co., Los Angeles, Cal.

CLOSING OUT SALE. Kaiserins, Golden Gates, Brides, Bridesmaids and Perles, from 3-in. pots, $2.00 per 100; $18.00 per 1000. Must close out; need benches. Mrs. J. W. Crouch, Chattanooga, Tenn.

Brides, Meteors, Maids, Perles and Golden Gate, out of 3 and 3½ in., 3c. Crimson Rambler, field-grown, canes 3 and 4 feet, $10.00 per 100. Cash. South Side Floral Co., Springfield, Ill.

I shall have a few hundred extra good Bridemaids, 3-in., at $5.00 per 100. Good stock, clean and nice. Cash with order. Jos. Bradbury, Irvington Ave., South Orange, N. J.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

An immense stock of H. P. Roses. All the new varieties. Crimson Rambler, White Rambler. Write for special prices.
W. & T. Smith Company, Geneva, N. Y.

For late planting. Strong, healthy plants of Bride, Perle, La France and Bridesmaid, from 4-inch pots, at $6.00 per 100. I. H. Moss, Govanstown, Baltimore, Md.

Extra healthy stock. Per 100: American Beauties, 3½ and 4-in. $5.00, 3-in. $3.00; Bride, 4-in. $5.00; Meteor, 3½-in. $3.50. Brown & Canfield, Springfield, Ill.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
R. H. Murphey, Urbana, Ohio.

Bride, 'Maid, Kaiserin, Meteor, 4-in. pots, $5.00 per 100; $40.00 per 1000. H. C. Steinhoff, 578 Hudson Bd., West Hoboken, N. J.

Rose plants in variety, from 2½, 3 and 4-inch pots. Write for prices. The National Plant Co., Dayton, O.

Soupert roses, 4-in., in bud and bloom, $10.00 per 100. Converse Greenhouses, Webster, Mass.

Meteors, Perles, Maids and Brides, fine stock, 3-in., $3.00 per 100; $20.00 per 1,000.
Crabb & Hunter, Grand Rapids, Mich.

1800 Brides, 300 Maids, 3-in., $4 per 100. Cash with order, please.
Albert F. Amling, Maywood, Ill.

Field-grown roses. The Bride, Bridesmaid and Perle, $5.00 per 100.
Morris Floral Co., Morris, Ill.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
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A few thousand mixed roses. For prices write Geo. A. Kuhl, Pekin, Ill.

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The two new Russelias, Lemoinei multiflora and Lemoinei elegantissima, 60c per doz.; $4.00 per 100.
Good & Reese Co., Springfield, Ohio.

SEEDS.

Palm Seed.	Per 100.	Per 1000.	Per 5000
Serenoa surrulata.....	$0.20	$0.50	$2.00
Sabal palmetto	.20	.75	2.50
Sabal longipedunculata...	.20	.50	2.00
Thrinax argentea	.20	.50	2.00
Zamia integrifolia ..... .,	.20	.50	2.00

Soar Bros., Little River, Fla.

Pansy Seed. Barnard's Florist's Mixture, trade pkt., 25c, ⅛ oz., $1.00, ¼ oz., $4.00, 1 oz., $7.00. Giant Mixture, trade pkt., 25c, ⅛ oz., 50c, 1 oz., $4.00. A full assortment of separate colors ready now. W. W. Barnard & Co., 161 E. Kinzie St., Chicago.

Do you want to see satisfactory results? Give us a trial. You will remain with us. We offer, for seasonable planting: Kentia Belmoreana or Forsteriana, fresh 1900 crop, 100 seeds, postpaid, 75c; 1000, $4.00; 5000, $17.50. Smilax seed, fresh crop, pkt., 10c; oz., 25c; lb., $2.50. Cyclamen Persicum Giganteum, brilliant colors, mixed, 100 seeds, 60c; 1000 seeds, $5.00. Pansy seed. We pride ourselves on the quality of ours. We offer separate or mixed, Bugnot, Odier, Cassier, Trimardeau, 1000 seeds, 25c; 5000 seeds, $1.00. Also any known color, separate or all sorts mixed, at same price. 5 per cent. cash discount on above list for one week.
H. H. Berger & Co., 47 Barclay St., New York.

New crop pansy seed. Prize mixture or separate, of Bugnots, Cassiers, Odier and Trimardeau, $2.00 per oz. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Zirnglebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. New crop seed ready July 1.
D. Zirnglebel, Needham, Mass.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, 3-15 oz., $1.00; 1 oz., $4.00. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

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String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Extra fine plants, 2½-inch pots, strong and healthy, $2.00 per 100; 300 for $5.00. Cash with order.
D. Wm. Brainard, Thompsonville, Conn.

Strong 2-in. smilax, $1.25 per 100; $10.00 per 1000. 3-in., ready to run, very strong, $3.00 per 100. C. Humfeld, Clay Center, Kan.

From 2 and 2½-in. pots, fine, healthy plants, $7.50 per 1000; 90c per 100. Cash. R. Kilbourn, Clinton, N. Y.

2000 fine 2½-in. smilax plants at $1.75 per 100; $16.00 per 1000. Cash with order.
H. P. Owen, Toughkenamon, Pa.

1000 Smilax, 2¼ inch, per 100, $2.00; per 1000, $18.00. Cash. W. C. Bryfogle, Bloomsburg, Pa.

2000 fine, bushy, 2½-in. smilax, $1.50 per 100. Cash, please. Benj. Connell, West Grove, Pa.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, 2½-in., $1.50 per 100. Converse Greenhouses, Webster, Mass.

Smilax, 2¼ inch pots, $2.25 per 100. Cash.
E. J. Cloud, L. B. 32, Avondale, Pa.

Smilax from 2-in. pots, $1.25 per 100.
E. I. Rawlings, Quakertown, Pa.

Smilax, 2¼-in., $1.50 per 100.
Jos. E. Bonsall, Salem, Ohio.

SPIRAEA.

Spiraea, A. Waterer, field-grown, 10 inches high, $6.00 per 100; same from 2½-in. pots, $3 00 per 100. Caryopteris (blue spiraea), field-grown, 2 ft. high, $5.00 per 100; same from 2½-in. pots, $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

VEGETABLE PLANTS.

Cabbage plants. H. Succession, Early and Late Flat Dutch, 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Celery. Pink Plume, New Rose and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Lettuce. Grand Rapids, Curled Simpson and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley. Extra strong plants, 25c per 100; $1.50 per 1,000. If by mail add 10c per 100 on cabbage, celery and lettuce and 25c per 100 on parsley. Cash with order. R. Vincent, Jr. & Son, White Marsh, Md.

Best transplanted celery plants, stocky, well-hardened, just right for late setting, to close out at $1.00 per 1,000; $8.50 per 10,000. Cash. The varieties are White Plume and Boston Market. Samples free. R. Kilbourn, Clinton, N. Y.

Gardiner's true Lorillard tomatoe plants for winter fruiting, $3.00 per 100. Cash. Roney Bros., West Grove, Pa.

Send in your order now for a copy of the Florists' Manual.

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Lemon verbena, 3-in., $4.00 per 100. The National Plant Co., Dayton, O.

Lemon verbenas, 2-in., $3.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 2¼-in. $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
Greene & Underhill, Watertown, N. Y.

500 variegated vincas. Strong field-grown plants, vines 3 to 5 ft. long, $10.00 per 100. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

20,000 vincas, 3 colors. Will make fine plants for spring sales. Sample for postage stamps. Chas. A. Juengel, 1837 So. 14th St., St. Louis, Mo.

Vinca Variegata. Field-grown, elegant plants, $5.00 per 100. Cash with order. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Vinca, variegated, field-grown, $5.00 per 100. Converse Greenhouses, Webster, Mass.

VIOLETS.

10,000 2½ inch pot plants, Marie Louise, L. H. Campbell, and Swanley White, $3.00 per 100, from 2½ inch pots, clean. Also California and Luxonne, from flats, $1.50 per 100. 10,000 Field Clumps, fine. Princess Wales, $6.00 per 100; L. H. Campbell and Luxonne, $5.00 per 100; California, $3.00 per 100. Cash, please.
Benj. Connell, West Grove, Pa.

Lady Campbell, fine clumps; field-grown; clean and healthy; grown from young cuttings rooted in sand last spring, $3.00 per 100; $25.00 per 1000. Will send plants that will please. Well packed.
Chas. Black, Hightstown, N. J.

Lady Campbell, from pots, $2.50 per 100; $20.00 per 1,000; from 3 and 3½-in., $4.00 per 100; $35.00 per 1,000. Field-grown Marie Louise and Lady Campbell, $4.00 per 100; $35.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Marie Louise, strong, field-grown clumps, perfectly healthy, $4.00 per 100; $35.00 per 1000. Cash, please. Home-grown, equally as healthy, 50c per 100 less. Samples, 10c.
R. Kilbourn, Clinton, N. Y.

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Healthy field-grown clumps. Imperial, $6.00; Swanley White, $4.50; Campbell, $4.00; California, $3.50 per 100. Cash. Roney Bros., West Grove, Pa.

Violets, large field-grown plants of California, Princess of Wales and a few Campbell, in fine condition. Sample, 10c.
Albert H. Brown, Westboro, Mass.

Marie Louise and Lady Campbell, field-grown, $2.50 per 100.
Smilax, 2-in., $1.00 per 100.
Rentschler Bros., Janesville, Wis.

To close out at once. 2000 Imperial violets at $35.00 per 1000, and 2000 Marie Louise at $25.00 per 1000.
Van Aken Bros., Coldwater, Mich.

2000 Lady Hume Campbell, field-grown clumps at $30.00 per 1000, all healthy and fine. Cash please.
A. B. Campbell, Cochranville, Pa.

Marie Louise, extra fine, field-grown and perfectly healthy stock, $4.00 per 100. Cash with order. Samples free.
C. L. Dole, Lockport, N. Y.

Field-grown. Farquhar, Marie Louise and California, $3.00 to $5.00 per 100. Good stock. Frederick A. Taylor, Canastota, N. Y.

Campbell, field-grown clumps, $3.00 per 100; 2½ in. pots, $2.50 per 100. Cash. E. J. Cloud, L. B. 32, Avondale, Pa.

Marie Louise, large clumps, very choice, $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Farquhar violets, free from disease, 2¼-in., $2.50, 3-in., $3.50 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Marie Louise Violets, clean, healthy, pot-grown plants, $4.00 per 100; $30.00 per 1000.
L. L. May & Co., St. Paul, Minn.

Marie Louise violets from 2½ and 3-in. pots, $2.50 to $3.00 per 100; $25.00 to $30.00 per 1000.
A. S. MacBean, Lakewood, N. J.

Strong, field-grown California violets, $3.00 per 100. W. D. Chase & Son, New London, O.

California, Campbell, $4.00 per 100. Converse Greenhouses, Webster, Mass.

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Chrysanthemums. The best varieties for pot plants, in good healthy condition, first-class in every way, in 4 and 5-in. pots, will exchange for field-grown carnations. D. E. Gorman, Williamsport, Pa.

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I want to buy some plants of Pogostemon Patchouli (Patchouli plant) and Plectranthus fruticosus (Motten plant). Michael Mandl, 165 So. Franklin St., St. Paul, Minn.

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Colored plates, seed packets, engravings, etc. Vredenburg & Co., Rochester, N. Y.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

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Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind.

Holly, finest quality; any quantity. Write us for prices delivered at your door. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Northern ferns and laurel and pine festooning for wreaths. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Send in your order now for a copy of the Florists' Manual.

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Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton. Albert M. Herr, Lancaster, Pa.

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W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Cefrey Letter Co., 446 Tremont St., Boston.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,

Harlan P. Kelsey,
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Bronze galax leaves, $1.25 per 1000, every leaf guaranteed. Try a sample 50 for 10c in stamps delivered free. American Rose Co., Washington, D. C.

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We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Send for Lucas on Glass. Four pamphlets tell all about it.
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Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

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Send for descriptive circular of the best florists' hose nozzel on the market.
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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

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Good Hose, J.G.&A.Esler, Saddle River, N.J.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
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Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price-lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

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Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
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For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

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Mice proof seed cases and drawers. Send for catalogue. Heller & Co., Montclair, N. J.

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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
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MADISON, N. J.

The Morris County Gardeners and Florists held their first meeting on Wednesday last after a two months' adjournment, and in the absence of the president on a European trip, Vice-President Totty had his first opportunity of displaying his executive ability in the chair.

All present seemed highly gratified with the honor that has come to the society through the successful showing of its members at the recent convention in New York and a hearty vote of thanks was tendered to President Duckham, A. Herrington and C. H. Atkins for their distinguished achievements in winning the society prize.

Show matters were reported well advanced, the schedules having been printed and generally distributed. A distinct innovation this year is a proposition to wind up the show with a dance, the magnificent hall Madison can now boast of being well adapted to such an entertainment, which is certain to be popularly supported.

Mr. A. Herrington having been announced to speak on "Horticultural Progress as shown by the S. A. F. O. H. Convention," gave an interesting talk. He thought that the recent exhibition in New York, taken collectively in its two sections, was the most complete exposition of horticulture as an industry that this or any other country had ever seen.

In the trade section everything required in the business, from a thumb-pot to a greenhouse, was represented, while the plant display could not be surpassed. In speaking of the horticultural section, he thought the success attending this feature of the convention was a factor that the society should give earnest consideration to and encourage in every possible way, for since the S. A. F. had shown a strong desire to enroll in

its ranks all horticulturists, its annual exhibitions ought to be something more than a mere display of trade samples. The aim of all producers in the trade was to create and stimulate larger demands among the private consumer or user, and the recent show successfully demonstrated a truly progressive means toward that end.

Another evidence of progress in horticulture was the prominence given to vegetables. The strong competition in the vegetable classes more than justified the provision made for them, and the interest manifested in the vegetable exhibit by visitors was equal to that evinced in the plants and cut flowers.

Aquatic horticulture, too, as shown by the exhibits, was a revelation to many, and exemplified great possibilities in the near future that all who had the facilities for should avail themselves of. MADISONIAN.

NOTICE TO PLANT INTRODUCERS.

All firms having offered for sale for the first time in this country any species or variety of plants or ornamental trees or shrubs are requested to send notification, giving origin and brief description, to be included in the list of plant introductions in America for the year 1900, which is to be published in the annual proceedings of the S. A. F. Please forward immediately to

W. J. STEWART, Secretary.
67 Bromfield st., Boston.

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FINLEY ROTARY LAWN RAKE.



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It picks them up and holds them until you are ready to deliver them to your burn heap or compost pile.

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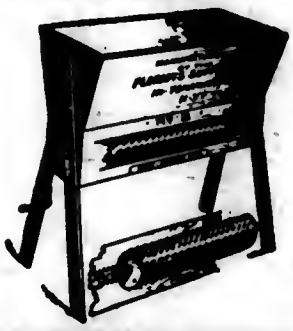
WESTBORO, MASS.—Albert H. Brown has added two new houses, one for carnations and the other for violets.

KALAMAZOO, MICH.—G. Van Bochove & Bro. have completed the erection of three new houses.

SOUTH FRAMINGHAM, MASS.—Wm. Glidden has added a new house. W. R. Shelmire, formerly of Avondale, Pa., is now in the employ of H. M. Eaton.

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THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
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Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
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Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
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Am very much pleased with the book; it is very handy for reference.
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Unlike so many of our books, it has the very flavor and essence of actual experience.
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We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florist's business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Sup't.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual iteme are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by William Scott, Florists' Publishing Co., Chicago. A reference book for commercial florists.
The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obstrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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G. L. GRANT, EDITOR AND MANAGER.

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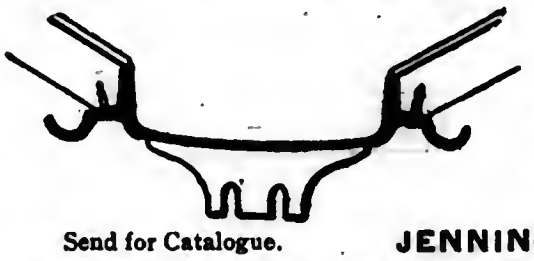
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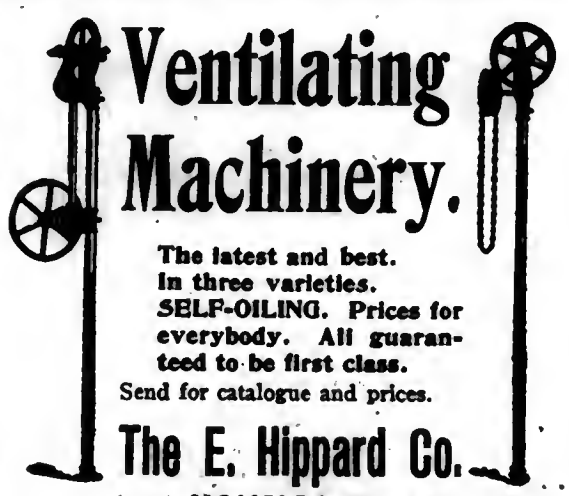
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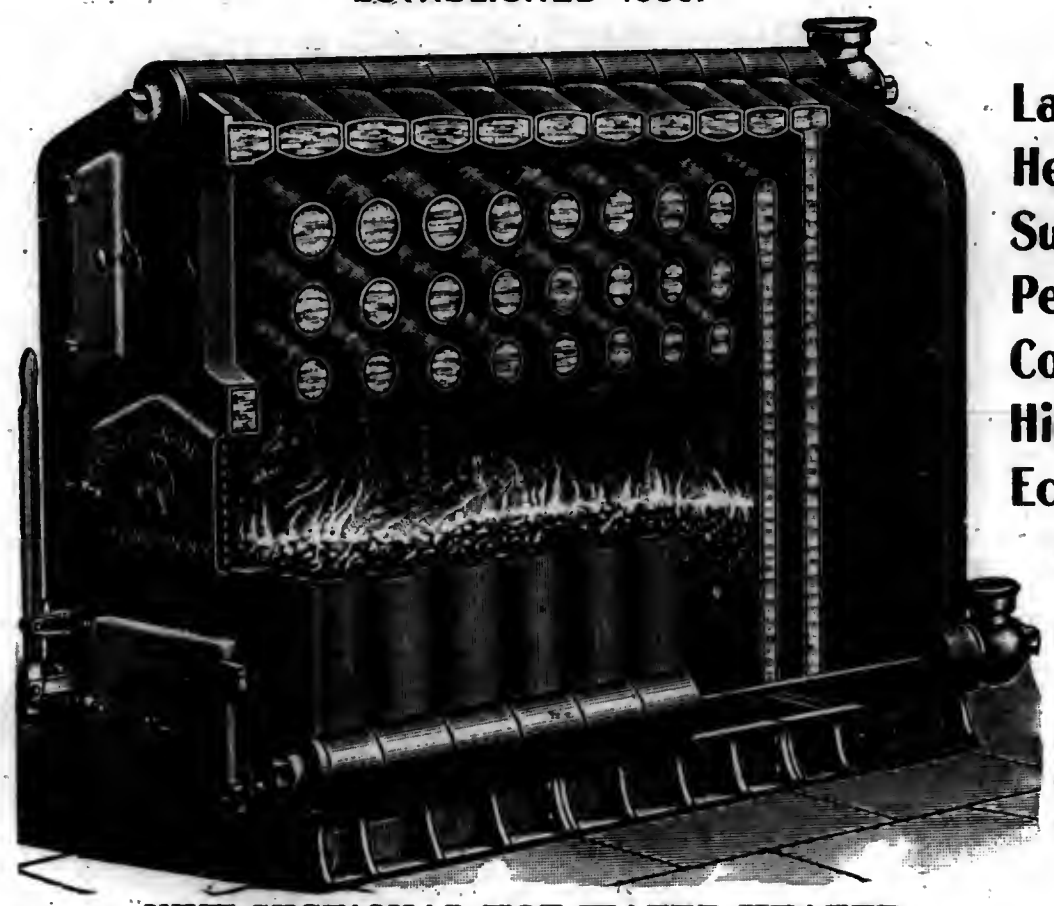
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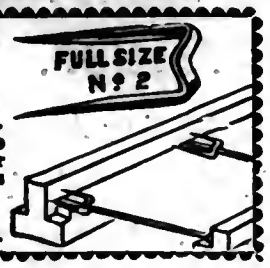
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Yours very truly, Signed, JOHN SCOTT.

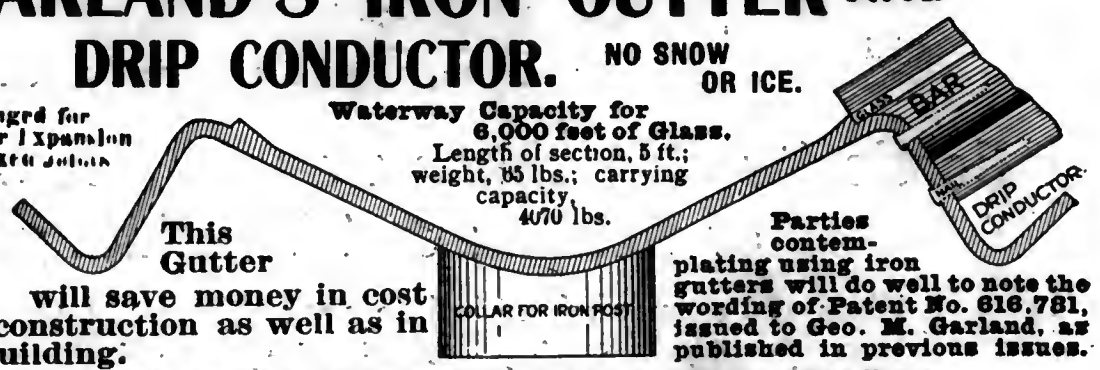
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Vol. VI. CHICAGO AND NEW YORK, SEPTEMBER 27, 1900. No. 148.



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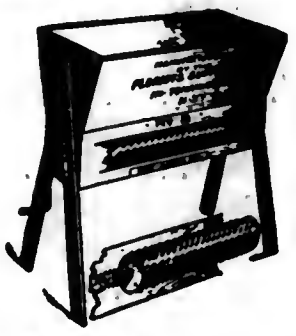


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THE RETAIL FLORIST.....

Saratoga's Floral Fete.

Saratoga's annual Floral Fete, which was held the first week of September, was, we are pleased to state, a huge success and as such insures its being held for many years to come. We were there to learn what we could in the interest of the retailer and saw much that was commendable. The florists of Saratoga deserve great credit for the vast amount of work done and for much of the good taste shown. The total spent on the entire decorations was close on twenty-five thousand dollars. The attendance was estimated at between 75,000 and 100,000.

Every business firm and most of the prominent dwelling houses displayed some form of special decoration in honor of the event. The whole populace seemed to be saturated with enthusiasm and in a great many cases the rivalries to exceed resulted in numerous successes. Laurel roping was the principal greenery used in the exterior decorations though there was an abundance of several other varieties of greens, and a very pleasing feature was the vast quantity of cut flowers used in these outdoor decorations.

The festival lasted several days. There was a "Floral Ball," with its "Queen of Flowers," but the most imposing part of the fete was the "Floral Parade." We have unfortunately never seen the Los Angeles or New Orleans festivals, though we have witnessed the "Battle of Flowers" in Paris and other large cities. Saratoga is yet but a village, dependent almost entirely on summer visitors, and from what we saw there we would venture the assertion that for the extent and quality of workmanship displayed, these decorations could scarcely be exceeded.

It is not our province to give a detailed account of the affair; there is always a certain amount of sameness at such events, which become even more monotonous at describing them, and they who should naturally be expected to do the most can often be found in the rear. This was particularly the case with the Delaware and Hudson Company, which benefitted most by the festival. Their design was a float representing "Civilization vs. Barbarism," and was supposed to reflect the condition of affairs at present existing between China and the United States. Well, the float was made entirely of paper flowers, and we were informed that the company's florist made it. Words are entirely inadequate, but we would like to have that florist(?) know that the only person capable of committing such a crime is the uneducated resident of the United States, the poor Chinaman would not attempt it in his own country. A florist to suggest and make a float of paper flowers for a rich company at a time when natural flowers are so cheap is a satire on civilization, his brain is too large for even the land of Columbia.

A very pleasing and noteworthy feature about the floral parade was the harmony of color. In the largest and most intricate designs of course there was more or less disturbance amongst the colors, but in the matter of carriages and bicycles one or two colors only were used. Bicycles were decorated with all purple, pink or white asters, and ribbons to match. One rig of scarlet gladiolus and ribbon was very striking. There were a great many bicycles, most of them adorned with natural flowers. Sedan chairs carried by colored men dressed in fancy Continental costumes were a pretty feature. The chairs were panelled with greens, and flowers such as asters, marigolds and hydrangea. The carriages were very pretty, many of them were completely covered with flowers. The principal combinations were Hydrangea paniculata grandiflora and white or pink asters; pink asters, ribbon to match; pink gladiolus and pink ribbon; golden rod and helianthus.

The Business Men's Association float was the largest. It was 35 ft. long and represented the globe on a boat. The globe was 14 ft. in diameter and was made of Hydrangea paniculata, with purple asters marking the hemispheres. This float was drawn by 12 horses. The boat was made of large double marigolds, golden rod and hydrangea. The whole reflected great credit on Mr. Totten and his assistants, who informed us it cost $700.00. By the way, Mr. Totten informed us he alone used 15,000 yards of laurel roping, 30,000 gladiolus, 15,000 hydrangeas and carloads of other stock. In the boat of the above float he used 13,000 marigolds, which he considered one of the best flowers for that kind of work.

Competition.

Competition can scarcely be considered the life of trade in Saratoga. Several of the florists there related some stories to us which are not at all creditable. A decoration consisting of about 1,000 yards of laurel roping and other greens and flowers arranged in front of one of the largest hotels was, they said, put up by an outside florist for $35.00. To be sure his card was on the work, but the roping alone must have cost him more than $35.00. We might all agree on the point that it doesn't pay to work for nothing, nay, it ruins the business. God knows it's bad enough without making it worse. There wasn't much profit in some of the work done, but when it was all put together it represented considerable, and the local florists are well satisfied.

It is wiser to encourage a more extensive use of flowers by being moderate in price than to kill desire by being high, but it is suicidal to do work for nothing in order to prevent another from making a dollar. Such only shows a meanness ill becoming the most despicable. Florists all over the country should interest themselves in the organizing of floral fetes in the large cities, and especially the summer resorts. We might make our annual flower shows more popular by introducing floral tableaus or dances at them. Most assuredly something is wanted besides the elements which appear mediocre even to the average florist.

Floral Festivals.

In considering the matter of flower shows in America it is not wise to look at them through European eyes as it were. The polyglot population here can never be squeezed into the circle defined and popularized by any one race. European emanations may, from time to time, become a craze here, but only in a fleeting way. America is new and demands new ideas. Florists to succeed in either individual or a combined sense must recognize this. You may attend your clubs and societies and discuss learnedly on the ingredients and elements best suited to plants, my friends, but something else more important is badly wanted. The man who gets up at an average Florists' club meeting and suggests that that club consider methods of interesting the general public in some kind of a floral festival is apt to be ridiculed. Every missionary or man with advanced ideas must first learn to ignore the sneers of the self-satisfied.

There are many cases where some simple, perhaps half foolish little plan or scheme would result in great successes to the florist business. One or two good determined florists in each town may often accomplish more than the most powerful club. A retailer's customers will listen to him sooner than to any outside element in matters pertaining to flowers, and we would impress all with the importance of interesting them in such matters. The man who would suggest a floral

carnival in New York would at present be laughed at by the local florists, but if a few of the rich people were to speak of it, why, of course, it would be a glorious idea. When outdoor flowers are plentiful there is very little to lose, but much to gain in advocating their use in such a way.

No village is too small, no city too large, for a floral fete, and because there are one or two cynics or possibly a majority of your fellow florists against you or indifferent, go ahead, get up your small committees, wait on the principal citizens with generous and inexpensive plans, and never fear your detractors will be the first to rush for a share of the success.

Street Stand Prices.

The prices of flowers sold on the street stands and in the dry goods stores of New York this week are: Carnations, 15 cts. per doz.; roses, 25 cts. per doz.; spikes of double tuberose, 3 cts. each; asters, 10 cts. per doz., and so on. Plants in the dry goods stores are sold at: small ferns for dishes, 5 cts. each; five or six leaved Areca lutescens, 12 to 14 inches high, 25 cts.; kentias, five leaved, $1.00; Dracaenas terminalis and amabilis, 12 to 17 leaves, 50 to 75 cts.; 24-in. rubbers, $1.25; rubbers, 12 to 18 inches, 49 cts., etc. We have only two stores dealing in plants; they have a trick of putting a high price on some of the plants, we presume to fool the people into thinking that they are getting bargains in the cheaply marked ones, which are in many cases no better.

When I told the manager of one of these concerns, who happens to be also the bookkeeper for the prominent grower who supplies the plants, that a retailer would be asked the same price at the greenhouse for these same plants, he said: "No, anyone could buy them there at $35.00 per 100." But who could afford to do that and sell one by one for 49 cts.? No one can blame a man nowadays for making an honest dollar whenever or wherever he can, but we rather think that if a grower goes into the above sort of trade he ought to stop selling to florists, or else keep his prices up to theirs. Some protection is due the people who buy from such sources.

First Class Prices.

Highest prices in first class stores at present are: Beauties, $3 to $6.00 per doz.; Liberties, $3 to $4 per doz.; Meteors, $2 to $3; Victorias, $2 to $4. Testouts, Maids, Brides, Carnots, Golden Gates, range from $2 to $3 per doz. for select stock; $4.00 is an exceptional price for long stemmed Testouts and Victorias, which are hard to get. Perles, Hostes, Cusins, Morgans and such are sold for $1.00 to $2.00 per doz.; Valley, $1 to $1.50 per bunch; cattleyas, $6 to $9 per doz. These are of course Broadway prices; often they are lower, and in a few instances higher, just as opportunities occur.

In the smaller stores of the city stock is sold for about double what it costs; that is what the average florist can only aim for in the matter of cut flowers; a larger profit is only made when cheaper grade stock is used in design work. Many imagine there is in this way a 100 per cent profit in the retail business. They are blind to the enormous expenses most retailers are subject to, which reduces their profits in most cases to a small, very small, pittance.

Seasonable Flowers.

Good grade flowers are not over plentiful, they are improving, of course, but will not be up to the standard until cold weather sets in. We expect to see fairly good chrysanthemums about the second week in October. Cattleyas are the choicest flowers obtainable at present; they are being worn occasionally on the streets, but principally at the theaters in the evening. They look beautiful on the white or black laced evening gowns worn at present.

Don't attempt to arrange cattleyas; send them loose with a few fronds of fine fern; no greens are worn with them. Dendrobium phalaenopsis are coming in quite plentifully; some of the whitish sprays are fine for wedding spray bouquets; very little greens are used, and narrow ribbons of the richest quality are best.

IVERA.

PYRETHRUM AND ROSES.

Please tell me through the Review how to handle pyrethrum (feverfew) so it will bloom in winter. I have a greenhouse that ranges from 55 to 60 degrees at night in winter.

Will you also tell me how long old roses will bloom in such a house before being thrown out?

I am an old soldier who is trying to eke out a pension by running a small greenhouse. How I envy those St. Louis fellows who can belong to a club and listen to such papers as are listed in their program and published in the Review of Sept. 13.

L. H. R.

"Pyrethrum," the well-known feverfew, lifts easily from the open ground and flowers sparingly during the early winter months in a cool house. The same house that you would grow geraniums in will do. But why bother with it? It is a cheap flower, and will never pay for the room. In the summer it is useful for cheap bouquets and takes care of itself out of doors, but we would never think of lifting it, except a few plants to give us stock for another year. Your house is too warm for feverfew.

Roses in a foot of soil have often done well for four or five years. In shallow benches of three to five inches of soil they are occasionally kept in for two years with fair success. The usual plan followed by rose growers nowadays, where plants are grown the second year in shallow benches, is to lift the plants in June or July that are then one year old, saving all the roots possible, but not too much soil, and planting them in a new bench; with a little shade and plenty of syringing, they soon get hold of the new soil and give fine crops. They want useless wood pruned out when lifting and usually need tying down.

If you have a solid bench that is doing fairly well it is not too late yet to give it a top dressing. Remove two inches of the old soil, and even more if you can without too much disturbing of the roots, and then replace with a compost of one-half heavy sod and one-half cow manure.

L. H. R. says he is an old soldier. I have known retired generals and colonels to have a taste for gardening and keep a gardener, but this is a true case of the sword and bayonet being turned into the pruning hook and garden trowel. I don't ever remember an old soldier taking to gardening. Their occupation is destructive; the gardener's is productive. How calm and peaceful and happy must be the hours spent in tilling the soil, watching the buds expand and the blossoms show their color after the years spent in turmoil and blood and destruction.

In all ages up to the present, but less this day than ever, the warrior has received all the glory. The more heads he cut off or orphans made or devastation spread, the greater the glory. The laborer in the laboratory, the shop and the field was a nobody, although it was they entirely that moved the world from darkness and savagery to light and civilization. But a better time is at hand. The higher and broader our education, the less we need of bayonets.

I wish more of our florists' clubs would take up such useful discussions as those of St. Louis. It is just what we all should do and what we are organized for.

WM. SCOTT.

VERBENA SEED.

S. W. writes: "I have good luck with all seeds except verbena seed, which don't half come up. What is best treatment?"

Just allow me to say that gardening operations are not controlled by "luck." Management is the word, instead of luck. If a crowd of people stood under a tree and a bolt of lightning came down and killed one of them, that would be luck—bad luck, of course. If a neighbor lost all his glass by a hail storm and you escaped, that would be good luck. Luck enters more or less into the choice of a wife, but in raising verbenas from seed you have either procured worthless seed, or covered it too



A Group of Cattleyas in bloom at Lager & Hurrell's, Summit, N. J.

deeply, or allowed it to perish just as it was germinating. And none of those things were luck.

Get verbena seed from a reliable house. Sow end of January. The soil should be a good light loam, and two inches of it in a flat is enough. Press the seeds evenly into the soil and cover with loam or sifted leaf mould just thick enough to hide the seeds. Keep the seed pans or flats in a temperature of 60 degrees till the seedlings are well up; then remove to a 50-degree temperature. If you get good, fresh seed, the verbenas are most easily raised.

I have always considered that the raising of plants from seed taxed the skill and attention of a gardener more than any other operation. Scott's Florists' Manual contains a long chapter on the subject. W. S.

REX BEGONIAS.

Propagation and Culture.

Have a 2-inch deep bench, not too far from the glass, very clean and whitewashed with lime. Fill the bench very evenly to the top with moss, press it down to 1 inch, soak the moss with the sprinkling can, put a layer of very clean sand on top of the moss, of ¾ of an inch, press it down and water again with the can.

Take all the oldest and largest leaves off of the Rex begonias. Cut them into pieces so that each piece has part of a main rib in a triangular form. A very large leaf will give from fifteen to twenty-five cuttings. Put them in this prepared cutting bench by taking a lath 1½ in. wide and placing it across width of bench. Make a cut in the sand close to the lath—deep to the moss. Put the cuttings in this cut, half as deep as the sand, almost touching each other's edges. Put the lath close to the cuttings and pound on the top with the handle of the knife.

When your cuttings are all in give them one watering with the can and no more for at least a week, because the moss keeps the sand moist from below and will supply sufficient moisture almost till the cuttings are rooted. By this method little watering is required and as a result there will be no fungus. But every day give them a very light watering with a fine rose on the can to keep a moist atmosphere on the cutting bed. The temperature of the sand should be 70 to 75 degrees and that of the house 70 degrees, with a good shade on the glass.

Be very careful as to ventilating. During nice clear bright weather ventilate every day, but avoid the least bit of draft or wind. The best time for propagating to have good plants for the spring trade is the beginning of January.

After the cuttings are rooted—which will take a month's time—lift them very carefully out of the sand and plant in 2-inch pots filled with soil one part of which is leafmold, one part loam and one part of very old rotten cow manure, that looks almost like earth, to which add clean coarse sand, and sift through a fine sieve.

It is a great advantage to have a house devoted to Rex begonias alone. Prepare the benches for the young plants in this way: Fill the bench three inches deep with sawdust, into which plunge the young potted plants in rows, pot against pot, until they are well rooted through and have made from one to three leaves. Have bottom heat by boarding up sides of bench. The temperature in the house should be 65 to 70 degrees. Be very careful as to watering and water each plant only when need be. Syringe very lightly every day in bright weather and give plenty of air. Dampen the sides of benches and walks twice a day. When plants are well rooted through plunge again in small 3-inch pots, with the same preparation of soil as before.

Prepare the second bench in the same way as the first. Plunge the plants in rows two inches apart each way. When the plants in 3-inch are well rooted through they will have reached a good size for the shipping trade. Repot the 3-inch into shallow 4-inch begonia pots using same soil as before. Do not plunge but place on top of the sawdust.

To give the leaves a rich color give the plants a watering once a week of guano liquid. Fill an ordinary barrel one-fourth full of guano and then fill to the top with water, and let it stand three days before using. Then stir up well and after filling the watering can half full of the liquid fill to the top with clear water. Water each plant with a long spouted can. You can continue repotting up to 8-inch, and such will give very fine show plants.

PAUL KOPANKA.

ORCHIDS.

Orchids, especially cattleyas, are becoming more and more a factor in the cut flower market, and the general flower buying public, as well as the very wealthy, are becoming familiar with them. During the winter season the demand is usually greater than the supply and the call for these gems of the floral kingdom will undoubtedly continue to increase. Where something extra fine is wanted, orchids nearly always have the call.

Probably the only establishment in the country devoted exclusively to orchids in a commercial way is that of Messrs. Lager & Hurrell, Summit, N. J., and the accompanying engraving is from a photograph of a group of cattleyas in bloom in one of their houses.

CANNAS.

Mr. C. J. Strombach, head gardener at Lincoln Park, Chicago, has not made any additions to his list of cannas during the past season. His leading varieties at present are: Mme. Crozy, Charles Henderson, Egandale, Queen Charlotte, Florence Vaughan, Flamingo, Stella Kanst, Chicago and Peley No. 1. In fact the list has been condensed rather than expanded. Roosevelt is with him almost identical with Charles Hender-

son as regards the flower and it is not so free a bloomer.

He gets a good show of bloom on Henderson early in the season by starting the plants under glass as early as January. In fact he starts all his cannas rather early. He finds that the varieties now grown are apt to suffer if kept dormant later than February.

ROSES CARRIED OVER.

Undoubtedly the best roses seen on the market the early part of last winter were those cut from 2-year plants rested and carried over. The writer had one bench of 2-year Brides and Maids that certainly gave more flowers than strong 1-year plants could give. When we note the various methods pursued in resting, ripening and starting the rose plants we notice also the varied results; some not very encouraging and others successful beyond expectation.

The main point is to have a good foundation—well ripened wood and unimpaired vitality. The resting and ripening should be gradual, and when not lifted and replanted, the more soil taken away from the roots the better the results. A gradual starting up after the replenishment of soil takes considerable pains and watching and much depends on the time of year this is done.

Most successful growers give their plants a short rest immediately after the first great crop. This certainly is beneficial as the after results have shown.

Referring to good early planted grafted stock, it certainly beats own rooted plants on many varieties and though it gives an immense number of flowers the second year they are not large and equal to 2-year own rooted plants.

And again we find where the resting of own rooted roses has been too short and the wood not sufficiently ripe, we have an abundance of flowers, but none very large, whereas those who have learned the art of this part are cutting nothing but the very best flowers, that are better than their 1-year stock, and 2 for 1.

JOSEPH REEVE.

THE GALVESTON STORM.

Florists Killed and Property Loss.

Editor Florists' Review: Please give me a little space in your valuable paper to tell how the florists suffered in Galveston from the terrible disaster to our city.

No doubt all in the trade have heard of the terrible calamity that befell our city September 8th. During the afternoon and night 8,000 people were killed and the damage to property will exceed $20,000,000. The scenes here are horrible to behold. The dead are everywhere and are being cremated on the places where they are found by building a fire over them. No house has escaped injury. Whole families have been drowned and in addition to the long list of dead a host of others have been bruised and injured.

Of the florists many were drowned. The following are dead and their property washed away:

Thomas Keats, wife and adopted daughter.

Charles Steding, wife and two children.

Thomas Kemp and wife.

Joseph Rosenkranz, wife and one child.

There may be more gone, but these are all I have been able to find out about positively.

The remaining florists have lost all they had, their greenhouses being demolished and the plants laying under a mass of debris in salt mud, gone beyond redemption.

Thanks to the great and sympathetic American people no one has now to go hungry—all have something to eat and a place of shelter by this time. Provisions are coming in daily from all directions, and each package is a token of sympathy and brotherhood, for which we give thanks from the bottom of our hearts and with tears in our eyes.

But what next? How shall we rebuild our homes? How shall the florists rebuild their greenhouses and stock them? They need money first to rebuild their houses and then plants to fill them. No doubt the American florists will give help to their brethren in the trade as the American people have done in a more general way to all. The Editor of the Florists' Review will no doubt receive any money or pledge for plants that anyone is willing to contribute toward repairing the loss to the florists of Galveston.

The rebuilding of their homes need not be considered as that will have to come from some other source, but the re-establishment of the florists in their business, so they may be in a position to again earn a living, is most important and urgent now, and on behalf of all Galveston florists I ask the sympathy and practical assistance of the florists of America. All is gone and we will have to have greenhouses, plants, store fittings, bulbs and other florists' requisites.

I will see that a correct estimate of the losses of the florists is sent to the Editor of the Florists' Review, and the Editor will, no doubt, acknowledge all contributions through the paper. And all contributors will have the eternal gratitude of all Galveston florists.

J. D. PRUESSNER.

Galveston, Texas, Sept. 17, 1900.

(While the Review has no objection to acting in the capacity indicated by Mr. Pruessner and stands ready to do anything in its power to assist, it seemed to us the matter was one for united action by all the trade organizations of America, acting through the national society as largely as possible. We therefore sent a copy of the communication to the officers of the Society of American Florists and of the Chicago Florists' Club, suggesting action on their part.

President Hartshorne, of the Chicago Florists' Club, has called a special meeting of the club to be held at the Sherman House clubroom, at 11 a. m. next Saturday, Sept. 29. He hopes to see every florists' establishment in the vicinity of Chicago represented at this meeting. Ed.)

CYRTOMIUM FALCATUM.

This fern, which is now so largely used in a commercial way on account of its splendid staying qualities under adverse conditions, also makes a fine specimen for conservatory decoration, as is demonstrated by the accompanying illustration from a photograph of a plant in the palm house at Lincoln Park, Chicago.

It is planted out in a pocket in the rock work surrounding a small pond and seems to enjoy this situation.

CHICAGO.

The Market.

Shipping demand shows some improvement, though it is inclined to be spasmodic, and the percentage of shipping stock received is very small. Take an average thousand of tea roses from a grower who does not grade his cut there will probably be not more than 200 that will command the shipping price of $4 a hundred. For the remaining 800 the price will grade from $2 a hundred down to nothing and several dealers say they consider it a good sale to get $4 out of this big end of the thousand, making a total of $12. It is certainly a lesson in quality when the 200 select will bring twice as much money as the 800 others. Weak stuff from young plants ranges much lower and sales average from $2.50 to $6 per thousand, all of which is not very encouraging to the grower. May that much needed frost put in an appearance at once. It didn't look much like frost on Tuesday, though, for the thermometer was soaring in the eighties and straw hats that had been put away for the winter were making another farewell appearance.

In carnations there is not so much variation in quality of stock from the same grower, but the difference in that from various growers is very marked. The bulk of the good flowers go at 75 cents to $1 a hundred. Some extra choice bring $1.50, but the great mass of ordinary and inferior grade sell at 40 to 60 cents. Still any respectable sort of a flower will bring the lower price. Tuesday the receipts were light, which was just as well, as the heat cut off sales.



Cyrtomium Falcatum.

A few good asters are seen and the best sell at $1.25 to $2 per 100. Poor grades can't be sold at any price.

This quality question is getting more and more serious. With an abundance of medium grade stock in the market the poorest will not be considered even by the fakiest fakir, and while in previous years the poor end of a shipment could generally be made to realize a little something, it is now generally a total loss and the grower would have done better to have dumped it himself instead of paying express charges on it.

Auratum lilies are going very well, the small flowers at $8 to $10 and the large at $12.50 per 100. Smilax is none too good and is rather scarce. Price $1 to $1.50 a dozen.

In carnations Maceo seems to take well with the buyers.

Beauties are in better supply and quality, but no notable change in prices.

Bassett & Washburn get as high as $5 a hundred for their best Meteors and Kaiserins and $1.50 a hundred for their high grade carnations.

Club Meeting.

The first regular meeting of the Florists' Club for the season was held last Friday evening. It was devoted to the arranging of a program for the season. A list of subjects was submitted by Mr. Sanders and with some additions this was adopted and names suggested of those whom members thought might prepare papers on the subjects. The program so far as completed appears below. A number of those to whom subjects were assigned were present and accepted and no doubt those not present will accede to the wishes of the club. The program follows:

Oct. 5.—"The best tulips and hyacinths for forcing and for pot culture," Aug. Jurgens. "How to grow Boston ferns successfully," J. S. Wilson. "The best ferns for filling ferneries, pans, baskets, etc.," A. McAdams.

Oct. 19.—"Violets. Is the bottomless pot a success? What are the best new violets? Does it pay to grow single violets and which is the best variety?" Ernest Weber.

Nov. 2.—"Best method of growing rubber plants," Geo. Wittbold. "The best way of sending cut flowers to market," E. E. Pieser and C. W. McKellar.

Nov. 16.—"Soils, fertilizers and feeding," W. N. Rudd. "The chrysanthemum, its place in the cut flower market. How many varieties should be grown for cut flowers? What are the best for exhibition purposes? Is the chrysanthemum as a market flower on the wane? Do the flower shows aid the florists generally?" J. S. Wilson and W. N. Rudd.

Dec. 7.—"Roses. American Beauties grown in center benches only. Grafted versus own roots for American Beauty and Tea roses. Will the new rose Liberty be a winner? Roses for profit aside from American Beauty, Bride, Maid, Meteor and Perle. Under what conditions can roses be grown with profit more than one year?" Luke Collins (foreman for Wietor Bros.) and Geo. Collins (foreman for Peter Reinberg).

Dec. 21.—"Trials and tribulations of the legitimate florists," Walter Kreitling and P. J. Hauswirth.

Jan. 4.—"A succession of plants to keep the greenhouse benches full," John Reardon.

Jan. 18.—"Carnations. Is the bottomless pot a success in carnation culture? What new varieties of the season give the most profit? Is early lifting in the summer preferable?" James Hartshorne.

Feb. 1.—"Iron construction of greenhouses versus wood," W. N. Rudd. "Saving of space and other benefits of the iron gutter and iron posts," Geo. M. Garland.

Feb. 15.—"How to grow mignonette successfully and what varieties to grow," E. Buettner. "The best bedding geraniums of the present day," Edwin Kanst.

Mar. 1.—"The florist's business of today compared with that of twenty years ago," Aug. Dresel and Edgar Sanders.

Mar. 15.—"The easiest way to force lily of the valley," H. N. Bruns and Aug. Jurgens.

April 5.—"Hardy herbaceous flowers suitable for the cut flower market," G. Swenson and D. F. Hawkes.

April 19.—"The paeony, its place in the cut flower market and the best varieties," Chas. Klehm and Flint Kennicott.

The secretary reported that he had not yet had any responses to his letters to the florists of Galveston.

Walter Kreitling reported that he had a "nice, quiet time" at New York.

A Special Meeting.

The following notice, signed by President Hartshorne and attested by Secretary McKellar, has been issued: "By request of members I hereby call a special meeting of the club and florists generally for Saturday, September 29th, at 11 o'clock a. m., sharp, at the Sherman House club room, second floor, to take action towards assisting brother florists at Galveston, Texas. Every florist should be represented at this meeting." The Sherman House has kindly made no charge for the use of the club room on this occasion.

Various Items.

Many fine fancy carnations are coming in from Bassett & Washburn's big range at Hinsdale. They have been cutting fine flowers from inside for quite a while, as they bench their plants early. Their several 600-foot carnation houses are a splendid sight now, and they seem to have succeeded in solving the problem of how to grow all extra grade blooms. The stock in their immense range of rose houses is also in the finest possible condition, and the product is first-class right through. It is remarkable how they succeed in keeping up their high standard of quality in spite of the great additions of new glass to receive attention. Thorough organization is undoubtedly largely responsible for this uniform success. Both Mr. Bassett and Mr. Washburn have had extended experience in the handling of large forces of men.

The Rockafellow greenhouses at Maywood, containing about 25,000 feet of glass, have been purchased by Albert F. Amling, of the same place. He will use the material in building a large addition to his own place next spring.

The Harms Park Floral Co. now have seven houses rebuilt and planted with carnations, which are looking well. The space under the benches is given to mushroom beds, so a crop will be taken from both on and under the benches. They will erect a range of rose houses at once and Mr. Tauch is pushing the work as rapidly as possible in an endeavor to get things in shape before steady cold weather sets in.

Kennicott Bros. Co. have contracted for thirty tons of old newspapers to be used in packing shipments this season, and have seven tons already on hand.

The Currie Bros., of Milwaukee, were recent visitors.

Welter & Thill, who started up at South Evanston not long ago, have seven houses in carnations and are sending some extra fine blooms to Budlong that bring $1.50 a hundred.

The varieties they grow are Triumph, Evelina, Bradt, Joost, Evanston, Hill and McGowan.

G. H. Pieser and G. R. Scott went on a little fishing excursion last week and the latter caught a very mixed collection, including a whale, a minnow and a slight cold.

Bowling.

At the first meeting of the bowling club since the New York tournament, held last Thursday evening, the following scores were made:

								Av
Asmus	168	142	155	132	157	203	202	165
Balluff.....	144	166	153	184	150	160	194	164
Winterson..	133	172	143	153	109	125	156	142
Hauswirth..	105	124	164	116	143	137	150	134
Kreitling...	129	121	109	101	119	126	91	114
Heffron.....	123	124	105	122	125	107	87	113

After the club meeting last Friday evening two games were played and the scores follow:

			Av.
G. L. Grant	169	158	163
P. J. Hauswirth	165	151	158
Jno. Degnan	161	154	157
W. Kreitling	148	136	142
Jas. Hartshorne	122	149	135
A. McAdams	133	126	130
W. Tiplady	146	96	121
Jno. Reardon.....	96	127	111

NEW YORK.

The Weather and Coal.

Weather much warmer since my last notes. Have had no frost yet in the vicinity of this city. Outdoor stock, especially cannas, looking good. There is considerable apprehension concerning the coal question; prices continue to soar; there is no telling when the strike will end; many think it will last till after election; if so, we expect to see many a frozen greenhouse as many growers have not yet got in their supply for the winter. The possibilities are tremendous and command much consideration, but the probabilities are hopeful.

The Market.

The condition of the cut flower market is fairly good. Prices, considering the weather and grade of stock, are all that could reasonably be expected. Very few changes in the business this fall; no new beginners, and the old hands manage to keep clinging. Stores are beginning to have that "get ready" look about them; more plants and choicer flowers are shown in the windows. Just at present nearly all the first class stores have a display of cattleyas. Some fine sprays of Oncidium are also seen. Orchids are always popular in New York, and it seems to us the more they are so the better the sale of all kinds of flowers.

The Auctions.

Good prices prevailed at the auctions last week. There was a great quantity of small Cycas revoluta sold; they brought from 50 cts. to $2.00; these and small palms, rubbers and Boston ferns composed the principal items offered. We notice one or two growers who regularly attend these auctions, picking up the bargains and reselling the stock some time after. With a convenient place and some foresight there should be more money in the scheme than in patiently growing; for instance, there was a quantity of 4-inch cuneatum sold for 6 cts.; in a month this stock should be worth 20 cts.; and so on. Dreyer's annual sale at his place at Woodside was as usual a success this year. The stock was clean and well grown and high prices prevailed on plants ready for retail trade.

Palms and Ferns.

There seems to be an abundance of small sized palms all over this section; many of the large growers are raising their own stocks from seed. A great quantity of these small plants are used up in ferneries, basket work and for furnishing up, but the country needs some one who can afford to set aside a large quantity of arecas and kentias to grow into the sizes almost unobtainable now.

Arecas seem to be coming into favor again and they deserve it for there is no palm more graceful, but we are inclined to think that their popularity among buyers rests on their size or quick growing quality.

Boston ferns seem to be treated in a like manner with "mums," insomuch that everybody seems to be in a hurry to get rid of them with the result that few good specimens will be there when most wanted. No sensible storekeeper gets excited over buying a big stock of plants early in the season, for the majority of stores kill or cripple plants quickly. Next month, or for that matter the month after, is time enough to plunge, and the growers having good quality need not worry. With many of course ready money and coal bills are bothersome thoughts and anxiety breeds desperation.

Violets and Carnations.

Good violet plants are as usual scarce this year, that is, plants in the healthy districts. It's getting to be so now that violet plants must have been reared in Poughkeepsie, Rhinebeck or thereabouts to insure confidence.

Most of the carnation growers have considerable outdoor stock left over, particularly of Scott. We hear there is a scarcity of good whites. Scotts were sold at auction, best for 1½ and 2 cts. Many of the smaller growers allowed their outdoor carnations to bloom all they could and in this way the stock has paid, for cut carnations have been bringing good prices all along.

Club Meeting.

The Florists' Club will meet on the second Monday in October, and on that afternoon at 4 o'clock the Bowling Club and those interested will meet at Traendly & Schenck's store for the purpose of making up a program, electing officers for the ensuing year and to make arrangements for alleys for the coming season. Bowlers and would be bowlers are requested to attend.

The Plant Market.

The resolution ordering a new market to be built on the site of the old Clinton Market for the sale of plants, has become a law. It was passed by the Municipal Council and the Board of Aldermen and is now in the hands of the Board of Estimate and Appointment. There is no telling what they will do with it. It may go through on account of the nearby elections, but there is no mandatory law. Plant-growers who sell at this market should bring the matter before the club and other societies and have them urge upon the city authorities its importance. No time should be lost if New York is to have a decent plant market in the near future. J. I. D.

ST. LOUIS.

Improved Market Conditions.

Business continues to improve; the cool weather and the return of the society favorites did a world of good to the trade about town. The local demand for the better quality of stock shows this. The retailers are carrying larger stocks than they have been carrying for some time. The wholesalers, too, say that shipping trade has greatly improved and all this goes to show that the trade has opened in earnest.

Prices have advanced a little on choice stock and the choice Meteors, Maids and Brides go at from $4 to $6, seconds $2 and $3; Beauties are coming in better every day, a few choice grades with long stems went for $2.50 per dozen, others sold from $1 to $2 per dozen. Carnations have not advanced any in price. Field-grown are 75 cents and indoor go at $1 per 100. Plenty of white on hand; color is scarce. A few small single violets are coming in but very frail and hardly salable. Asters and tuberose stalks are in good demand and the price remains the same as last report.

Visitors.

Visitors in town the past week were: Mrs. W. F. Vesey, of Fort Wayne, Ind.; Wm. H. Barry, with Curry & Co., Nashville, Tenn.; Frank Howard, representing the Chicago Folding Box Co., of Chicago, and Walter Retzer, of Chicago, who has been spending a week with us visiting his many friends. He left for home Friday well pleased with the orders he took back.

Notes.

Henry Berning, of 1322 Pine street, was married last Wednesday night to Miss Martha Bruning, of South St. Louis. Mr. and Mrs. Berning left the same evening for a trip north to be gone a week or two. Congratulations are now in order.

Riessen Floral Co. will again this year have charge of the decorations for the great Veiled Prophets' Ball which will take place in the big hall at Merchants' Exchange, Tuesday, October 2.

Ellison & Tesson have opened their West End store on Olive street for the season.

George Walbart is now in his new store which is a grand place and an ornament to the neighborhood. George expects a great rush of business this fall and winter.

Mary Ostertag is also making a few good improvements at her place on Grand avenue.

Mrs. M. M. Ayers has returned from her eastern trip much improved in health, also Miss Newman, who spent the greater part of the summer in Boston, her old home.

Fred Weber's place looks well. The house is well filled with the choicest palms of all kinds and Fred is ready for a good winter's business.

Meeting of Exhibition Committee.

The exhibition committee held a meeting last Friday at Fred Weber's store in order to decide on the question of the hall. It was settled that the show will be held in the Exposition building, and the prospects are good for a successful show. Our new special prizes are coming in every day. The dates of the show are November 14, 15, 16, 1900.

Club Meeting.

The club meeting will be held on Thursday, October 11, at 3 o'clock. Essays will be read by Emil Schray and Frank Fillmore, which no doubt will be able papers, as both the gentlemen have the requirements to make them so. The members should make it their business to be present as they will hear something that will be of some benefit to them. President Guy and the Belleville craft promises to be out in full force and so will the Kirkwood boys.

Bowling.

The bowling club rolled six games Monday night. The evening was a little too warm for bowling and only four members were in attendance. Charlie Kuehn's rolling was not up to his standard owing to a bad finger on his bowling hand. The scores were as follows:

	1	2	3	4	5	6	Tot.	Av.
J. J. Beneke..	188	216	125	111	149	193	982	164
C. A. Kuehn..	153	136	120	1 8	120	121	788	131
Will Adels	125	140	112	141	123	...	644	129
John Young ..	104	135	139	119	...	...	497	124

J. J. B.

OCEANIC, N. J.

Meeting of the Monmouth Co. Hort. Society.

The meeting of the above society on Sept. 21st, although not so well attended as usual, was a lively one. An application to this society for a private gardener for Washington, D. C., was read; also a communication from Buffalo.

The exhibition committee reported that the town hall could not be secured on account of the election and other matters, so the society decided to have a display of chrysanthemums, roses, and carnations at their meeting-room, Redmen's Hall, Oceanic, Nov. 9th, free to the public. It was also decided that this society shall have an exhibit at the Pan-American Exposition. B.

BAY CITY, MICH.—John Irvine & Sons will erect ten modern greenhouses on their new location one mile from the city the coming season The site is a very fine one, among the many advantages being a railroad track right up to the boiler house.

VINCENNES, IND.—W. A. Keiman has added another new greenhouse to his establishment.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Young man of good address, with experience, for a first-class flower store; good chance for the right party to work himself up in the trade. J. M. Gasser, Euclid Ave., Cleveland, O.

WANTED—At once, good all-around florist; must be sober, honest and not afraid of work. Answer, stating wages expected, W. M. Lott, Warren, Pa.

WANTED—Good size greenhouse boiler; state heating capacity, condition of boiler and lowest cash price. Also want 2 and 3-inch pipe. J. Palmer Gordon, Ashland, Va.

SITUATION WANTED—By lady, experienced in all branches and thoroughly competent to fill first-class position; best of references. Address H., care of Florists' Review.

WANTED—An agent in every city or town where there are five or more florists. Liberal commissions. For particulars address Florists' Publishing Co., Caxton Bldg., Chicago.

SITUATION WANTED—By practical man, age 30, single, as gardener in private place, park or cemetery. Competent to take charge. Address Trebor, care Florists' Review.

FOR SALE—Florists' store fixtures and supplies. S. Michaels, 592 West North Avenue, Chicago.

SITUATION WANTED—By a first-class florist and gardener; twenty years' experience; married, no children; private place, park or cemetery preferred. M. J., care Florists' Review.

WANTED—Single man for general greenhouse work to assist with carnations and bedding plants; one not afraid of work; give good reference. Address Worker, care of Florists' Review.

WANTED—First-class grower for general stock; man capable of taking full charge of place. Address or call Chas. W. McKellar, 47 Wabash av., Chicago.

WANTED—Man to take charge of a private place, about 2 acres, with greenhouse. Address, sending references, Chas. F. Koester, Marysville, Kansas.

SITUATION WANTED—By experienced rose and carnation grower; capable of taking charge; single; references. Address X. Y., care Florists' Review.

SITUATION WANTED—Experienced gardener and florist, age 27, English, to take charge or assist; private place preferred. Address W. T., care Florists' Review.

WANTED—I want to rent a plant of about 5,000 ft. of glass, along Hudson river; near a city preferred. Address with full description and terms, No. 7 Yost st., Johnstown, N. Y.

SITUATION WANTED—As gardener or fireman; twelve years' experience; best of references; married. P. D. M., 294 Pequonnock st., Bridgeport, Conn.

FOR SALE—Some extra good second-hand 3 inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H Salter, Rochester, N. Y.

FOR SALE. Bars, rafters, headers, in good condition, for greenhouse 12x120 ft.; 980 feet ¾, 1, 1¼ and 2-inch pipe; for condition I refer to Mr. J. J. Connelly, florist, Bryn Mawr, Pa.; will sell for $50. H. MILLINGAR, Merchantville, N. J.

WANTED Single man to do all kinds of greenhouse work in a place of 20,000 sq. ft. of glass; state wages wanted and references. Address The Morris Floral Co., Morris, Ill.

FOREMAN WANTED

For Range of 175,000 square feet of glass.

Must be a man of unquestioned ability and character, and an up-to-date grower, accustomed to handling men where roses, carnations, mums, palms, ferns, bulbous and bedding stock is grown. Permanent position for right party.

J. F. WILCOX, Council Bluffs, Ia.

FOR SALE OR RENT

Greenhouse, 5000 feet of glass, steam heating. Market Garden, Ten Acres; six-room Dwelling, Barn, etc., adjoining thriving town of 3,000, on St. Joe and Grand Island Ry.

H. SCHMALZL, Marysville, Kans.

FOR SALE. THE McKellar Floral Establishment AT CHILLICOTHE, OHIO.

Consisting of 1.16 acres land, located inside the city limits, on which are located thirteen greenhouses, all in first-class condition, and well stocked with roses, carnations, palms and general line of potted plants of all kinds. Natural gas fuel, steam heating apparatus throughout; four acres additional adjoining property if more required; divided to suit. Business established over forty years. This is the best floral establishment in southern Ohio. Population of Chillicothe is 15,000. For further particulars address

SILAS F. GARRETT, Executor, Chillicothe, Ohio, or CHAS. W. McKELLAR, 47 Wabash Ave., Chicago

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in. pots, $4.00 per 100; $35.00 per 1000. Field-grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Roses—Meteors, Perles, Maids and Brides, extra fine stock, 3-inch, $3.00 per 100; $20.00 per 1000.

A bargain on Carnations, such as White Cloud, Flora Hill, New York, etc. Let us figure on your order.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

HOLLY. Finest Quality. Any Quantity.

Write for prices delivered at your door.

CALDWELL THE WOODSMAN CO, Inc. Evergreen, Ala.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

SAMUEL S. PENNOCK. **Wholesale Florist**

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. **1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

BOSTON.

The Market.

Crops of all kinds are shortening up. This has now improved prices from 25 to 50 per cent, so that the same money is being received by the grower and much more easily obtained. Am. Beauty roses are selling at $4 to $25 per 100; Meteors, $1 to $4; pink, white and yellow from 50 cents to $6, and a choice few at $8 or more. Carnations from 50 cents to $2, with better grades scarce; asters, 25 cents to $1.50 and quality depreciating. Wind, rain and cold weather are the causes of all this disturbance, frost having appeared in a few instances. I do not think there is yet any appreciable increase in the demand.

All indications point to a good chrysanthemum crop and also a good violet crop, although the former is a little behind time on arrival of the main cut.

Notes.

John Clark, formerly with Thos. J. Grey & Co., has transferred his allegiance to the house of W. W. Rawson & Co. It is distinctly not a case "of two evils choose the least," but "of two good things push along the best" —or at least the one that produces the most shekels.

According to a Natick newspaper, the mammoth rose houses of that town are now incorporated; several wealthy Boston men being financially interested and one of them serving as treasurer, with duties "executive rather than clerical." Of course, Mr. E. M. Woods is president of the corporation.

The question is just now not so much who struck Billy Patterson as who stole Paul Richwagen's three hundred and fifty Lawson pink plants right out of the mud in his field! Paul could use that fellow in his business.

B. T.

"EVERYTHING FOR THE FLORIST."

The new catalogue of "Everything for the Florist," just issued by E. H. Hunt, Chicago, is worthy of special note. It contains not only a long list of all sorts of supplies needed by the trade, but a lot of half-tone engravings from original photographs that are a very great advance on the usual catalogue illustrations. We extend our congratulations. It is a catalogue that every one in the trade should have.

LANGDON, D. C.—W. H. King has gone out of the florist business.

BOULDER, COLO.—Robert Hubbard has sold his greenhouse to B. F. Stout of Denver.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

JOSEPH HEACOCK, WYNCOTE, PA. Offers the following

Home-Grown PALMS.

FREE FROM INSECTS AND DISEASE OF ANY KIND.

They cannot fail to give satisfaction. Should be seen to be appreciated. A trial order is solicited.

ARECA LUTESCENS.

3 plants	6-inch pot	24-inch	$12.00 per doz.;	$100.00 per 100
3 "	8 "	30 "	30.00 "	
3 "	8 "	36 "	36.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
6 "	6 to 7 "	26 "	18.00 "	150.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each.	
8 "	7 to 8 "	36 inches high	4.00 "	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
8 "	6 "	36 to 40 inches high	3.00 each:	36.00 per doz.
8 "	6 "	48 to 50 "	4.00 "	48.00 "

All Measurements are from Top of Pot.

Mention The Review when you write.

VIOLETS, ASP. PLUMOSUS and SPRENGERI.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Baby Primrose, 2¼-in.	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " " (white)	2.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
" " 3-in., " "	3.50
" Marie Louise, large clumps, very choice	4.00
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings, $10.00 per 1000	1.25

Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100. Geranium Cuttings, all the best varieties. Write for prices. Will exchange for Carnation Plants.

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

Floral Fancies, Language of Flowers, TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars." one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.



AZALEAS.

Our Mr. Eisele, who has just left Belgium, reports that the Azaleas grown for us are in an unusually healthy and fine condition this season. Our shipments are expected to arrive here the beginning of October. We handle only the leading sorts, which are best adapted to the American trade; all plants are carefully sorted over and repacked at our Nursery, thus enabling us to guarantee satisfaction. If you have not yet placed your order we can still book same for fine bushy crowns, well set with buds, as follows:—

10 to 12 inches in diameter	$4 50 per doz.;	$35.00 per 100.	
12 to 14 " "	6.00 "	45.00 "	
14 to 16 " "	7.50 "	55.00 "	
16 to 18 " "	12.00 "	90.00 "	
18 to 20 " "	25.00 "	200.00 "	
20 to 24 " "	36.00 "	300.00 "	

Prices on Azaleas include duty, packing and delivery in good condition to any express, freight or steamship line in Philadelphia.

For a full line of DECORATIVE PLANTS and other SEASONABLE STOCK see our current QUARTERLY TRADE LIST, of which a copy will be mailed on application, if you have failed to receive one.

HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

Mention The Review when you write.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Liberty
12 plants for.....$7.20
25 " " 12.50
50 " " 15.00
100 " " 28.00

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

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Studer Pays Freight

on a **sample order** of my excellent stock of

PALMS, FERNS and other DECORATIVE PLANTS.

Send for Price List.

N. STUDER, Anacostia, D. C.

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Burpee's Seeds Grow

Forcing Bulbs Ready

	12	100	1000
Hyacinths.			
Early White Roman	$0 25	$1 80	$16 50
" Blue "	.25	1 55	13 75
" Rose Pink "	.25	1.55	12 75
" Dble. Rose "	.25	1.55	12,75
Dutch Hyacinths.	12	100	
Separate colors, 1st size	$0.65	$4 25	
All finest sorts, named	1.00	6 00 to $7	
Dutch Romans or Miniature.			
Named	.45	2 70	
Tulips, in finest forcing sorts, single, double.			
Narcissus. (Extra size bulbs)	12	100	1000
True giant flowering paper white	$0.15	$0.90	$ 8 00
Daffodil Von Sion,			
Extra double nose	.25	1.80	16 00
Select fine bulbs	.20	1 50	12 00
Calla. Calif. grown, 1¼-1½-in.	.50	3 50	31.00

Chinese Sacred. Basket 30 bulbs, $1 50.
Freesia, Alba, large bulbs, 100, 60c; 1000, $4 50.
" **Leichtlinii,** pure yellow, 100, $1; 1000, $8.
Cyclamen Persicum Giganteum, 5 sorts, separate, doz., $1 20; 100, $8 00.

5 per cent cash discount.
Send for our new trade list. Address

H. H. BERGER & CO.,
(Established 1878.) **47 Barclay St., New York.**

Mention The Review when you write.

GERANIUMS.. BARGAIN.... TO MAKE ROOM

Only 2,000 left. Mme. Bruant, La Favorite, B. Poitevine, S. A. Nutt, Marvel, Mrs. E. G. Hill, Heteranthe, Contraste, W. H. Bailey and others. All clean, strong and healthy stock. $2.00 per 100, $ 8.00 per 1000, or the entire lot for $30.00. All 2¼-in. pots.

W. E. HALL, CLYDE, OHIO.

Mention The Review when you write.

CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5 00 per 100, or 20 for $1 00. **E. I. RAWLINGS, Quakertown, Pa.**

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Choicest Stock. Lowest Prices.

Roses. XX strong, 14 to 16-in. tall, Brides, Meteor, Maids, Perle and Golden Gate, out of 3 and 3½-in. pots, only 3c, worth 6c; 10,000 to sell.

Carnations. The kind that pay. Flora Hill, Wm. Scott, McGowan, Tidal Wave, Morello, Jubilee, Mayor Pingree. Strong bushy plants in bud and bloom, only $3.00 per 100; 15,000 to sell.

Geraniums. Bruanti, Hetheranthe, White Swan, La Favorite, American Wonder, strong 2½-in., only $1.50 per 100.

Asparagus Sprengeri. XX strong, 2½-in., ready for 4-in., only 5c.

Crimson Rambler Roses. Field-grown, canes 3 and 4 feet, only $10.00 per 100.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

BOSTON FERNS,

Fine plants, 5-in., $3.00 per doz.; 6-in., $4.50; 7-in., $6.00.

Chrysanthemums, ready for 6-in. pots; all leading varieties; plants dwarf and stocky; $2.25 per doz; $16.00 per 100.
Vinca, variegated, field grown, $5.00 per 100.
Carnations, $5.00 per 100; Scott, Daybreak, Abundance Albertini, Flora Hill, Portia.
Violets, California, Campbell, $4.00 per 100.
Smilax, 2½-in., $1.50 per 100.
Soupert Roses, 4-in. pots, in bud and bloom, $10.00 per 100.

CONVERSE GREENHOUSES, Webster, Mass.

Mention The Review when you write.

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PHILADELPHIA.

Business Begins to Move.

The cut flower business began to move last week. The motion resembled that of a heavy train just starting from the depot, the wheels revolved slowly, but the train itself hardly seemed to move. The commission men still say business is very quiet; the retailers still say there is nothing doing. Yet you notice the commission man has a bunch of roses picked out for shipping and while you are chatting with the retailer, he suddenly excuses himself and bows to a lady who has just entered his shop; signs which clearly show that summer is over and fall, with its increasing business, has come.

Roses are selling fairly well. Nearly all the growers are sending or shipping a little stock into town. Some of the smaller men have not come, but another week will bring them in again. Beauties are selling best; their color is excellent, size fair, stem 15 to 24 inches. The shorter length being 75 cents a dozen; the best flowers of the longer, $1.50 a dozen; occasionally, $2 for choice stock. Kaiserins are fine; $5 and $6 a 100 is the price. Maids go slowly at $3 a 100; the flowers are rather small as a rule and there is a bit of mildew here and there on the foliage. Brides and Meteors are not much needed at present. Other flowers appear fairly plentiful, but are not moving very well.

Plants.

A few plants have gone in to the stores. The bulk of their stock appear to be "left overs" from last season and summer boarders. The S. B.'s generally return home next month, then the local plant business opens in earnest. There are a good many kentias and Bostons about. Poor stock of both these will prove a loss to the growers, but good plants will sell at a profit.

Insecticides.

It was stated some time ago that a new mixture had been found that would destroy scale on palms when the plants were sprayed with it. It now appears that this labor saving mixture is not safe; it also injures the vitality of the plant. This is a great loss to the palm growers. Something safe, sure, and not too expensive, is badly needed. There are many good insecticides on the market, possessing excellent qualities, but we have yet to find one that possesses all the above virtues when used in a wholesale way. Some growers even go so far as to say that the same care used in washing plants with insecticides might be better used in washing them with soap and water. This is of course going too far. Insecticides are like commercial fertilizers, good, but they must be used with great judgment. PHIL.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00
Asters, good	.50 to 1.00
" fancy	1.00 to 1.50
Gladioli "	2.00 to 3.00
Valley	4.00 to 5.00
Sweet Peas	.10 to .25
Lilies	10.00 to 12.00
Adiantum	.50 to .75
Common Ferns	per 1000, 1.50
Smilax	per doz., $1.25 to 1.50
Asparagus	" 5.00 to 6.00

Full line of Field Grown Carnation Plants to offer.

SEEDS AND BULBS.

Callas, select, 1¼ to 1½-in. diam., per 100	$5.00
" " 1½ to 1¾ " "	7 00
" " 2 to 2½ " "	9.00
Bermuda Freesias, ⅜-in. and up, per 1000	5.50
" " ½ " " "	6.50

Harrisii Lilies, Longiflorum, Roman Hyacinths, Paper Whites. **Prices on application.**

All Dutch Bulbs in Season.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Choicest Mixture	.50
Gloxinia Hybridi, Choicest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems fresh, 200 lbs for	1.50
Preserved Cycas Leaves, ass't, per 100	15.00
Cape Flowers, white, per lb	.85
" colored, "	1.50
Tissue Paper, manilla, per ream	.45
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second " .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastics, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45 47, 49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

Hardy Herbaceous Plants.

Ready to Ship Now. Plant early and let them get established before winter. All strong individual clumps.

	Per 100
Achillea The Pearl, 3½-in. pots, very fine	$4.00
Alyssum Saxatile Compacta, field-grown	5.00
Artemisia (wormwood), field-grown	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots	5.00
" Pyramidalis Hybrida, 3½-in. pots	5.00
Anthemis Kelwayi, 3½-in. pots	5.00
Aquilegia Vulgaris, mixed, field-grown	5.00
" " dbl. white, "	6.00
" Chrysantha, "	6.00
" Caerulea, "	7.00
Caryopteris Mastacanthus, 3½-in. pots	4.00
Hardy Chrysanthemums, asst., field-grown	4.00
Coreopsis Lanceolata, 3½-in. pots	4.00
Campanula Pyramidalis, blue or white, field-grown	5 00
Chrysanthemum Uliginosum, field-grown	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, "	4.00
Digitalis Monstrosa, "	5.00
Funkia Subcordata Grandiflora, field-grown	8 00
Lavendula, field-grown	5.00
Lychnis Chalcedonica, field-grown	5.00
Gypsophila Paniculata, "	5 00
Geum Atrosanguineum, "	5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots	4.00
Hemerocallis Flava, field-grown	4 00
" Sieboldii, "	6.00
Hibiscus Crimson Eye, 3½-in. pots	3.00
Iberis Gibraltarica, field-grown	5 00
Japanese Primrose, 3½-in. pots	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, "	5.00
Scabiosa Caucasica, "	6 00
Statice Latifolia, "	7.00
Monarda Didyma, "	5.00

EDWARD B. JACKSON,

Send for price list. **Stamford, Conn.**

Mention The Review when you write.

Cyclamen for Christmas blooming. Fine large healthy plants, 3 in., $4 00 per 100; 4-in., $8.00 per 100.

Chinese Primroses. Red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.

Cinerarias. Prize strain, 2-in., $2.00 per 100.

Geraniums. S. A. Nutt, Giant, La Favorite and Pink, large plants from stock, $5.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

FOR PALMS Write to **Walter Retzer & Co.** Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30,00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers $20.00 per 100.

F. LUDEMANN,

Pacific Nursery, SAN FRANCISCO, CAL.

15,000 Extra Fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of **Asparagus Plumosus Nanus,** out of 2½-in. pots. A few thousands mixed **Roses** on hand for planting. **WRITE FOR PRICES.**

GEO. A. KUHL, PEKIN, ILL.

SPECIAL OFFER until OCT. 1st.

PHOENIX CANARIENSIS.

Elegant stock. Fully characteristic. 4½-in. pots, **$25.00** per 100; 5½-in. pots, **$35.00** per 100.

This is surely a bargain.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

Mention The Review when you write.

..CLIMBERS..

20,000 **Clematis Paniculata,** 2 years open ground and pot grown.
10,000 **Ivies,** 1 year from open ground.
10,000 **Ampelopsis Veitchii,** 1 year pot-grown.
10,000 **Hall's Honeysuckle,** very strong.
5,000 **Evergreen and Golden** Honeysuckles, very strong.
10,000 **Rosa Wichuraiana,** 1, 2 and 3 years.
3,000 **Wichuraiana,** Hybrids.
2,000 **Actinidia Arguta, Wistaria** and other vines.

THE WM. H. MOON CO.

MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

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Bronze Galax Leaves

Every leaf guaranteed perfect.

One-Dollar-Twenty-Five per 1000.

Try a sample **Fifty** for Ten Cents in stamps, delivered **Free.**

AMERICAN ROSE CO., Washington, D. C.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

RICHMOND, VA.

If the usual quietness in trade circles has been the rule this summer, there has been an unusual briskness about the greenhouse grounds.

W. A. Hammond has changed his system from hot water to steam and erected two additional large houses, in which his violets are now looking well. Our Louisa growers are likely to find stronger competition this year from home growers. Mr. Hammond's plant is now perhaps the best equipped and largest south of Washington.

Mann & Brown have also erected a large house this summer, now partly planted in chrysanthemums and carnations.

Harvey & Co. have completely renovated their old houses.

M. A. Whitty has erected two large houses, one of them the widest house in this section, for growing plants. They are the largest growers of plants in this vicinity, having sold and grown over 80,000 plants last spring. They now have nearly 2,000 potted specimen plants of chrysanthemums under way.

J. D. Hooper is growing Beauties in his new houses erected last season.

Mrs. Cole has gone out of business, and Reynolds & Eby have dissolved. The old concern is continued by Geo. J. Freedley, whose wife was Miss Reynolds, and Mrs. Eby has made arrangements to open up a new establishment on Main St., which, strange to say, has no flower store at this time.

General trade has already started up. The funeral of Dr. McGuire used up all available material here this week, and some help was had from the north.

Mr. Harnish of Manchester is growing roses again this season. O. M.

MADISON O.—Daniel Lee, the veteran florist, intends to close out his business and expects to spend the coming winter in Florida.

MERRIMACPORT MASS.—Lowell-Whittier has succeeded to the business of Charles Davis. He will greatly improve the establishment.

FORT COLLINS, COLO.—Wendell Paddock, for seven years at the Experiment Station at Geneva, N. Y., has been appointed professor of botany and horticulture of the State College here.

BOSTON, MASS.—At the last meeting of the Massachusetts Horticultural Society the president announced a bequest of $1,000 by Benj. H. Pierce, the income to be applied to the introducing of new fruits.

OTTAWA, ONT.—The September meeting of the Ottawa Horticultural Society was well attended and there was a large display of seasonable flowers. Mr. R. B. Whyte, the president, delivered an address on bulbs.

SPOKANE, WASH.—The Spokane Floral Association gave its third annual aster show Sept. 4. Prizes were awarded for best single aster, best collection of 25 asters, best design made of asters, greatest variety of asters, artistic arrangement of asters and best half dozen potted asters.

RALEIGH, N. C.—O'Quinn & Co. have added a new house 20x80.

Cheap=To Close Out.

	Per 100	Per 1000
BOSTON FERNS. The true variety, from 2½-in. pots	$3.00	$25.00
ASPARAGUS PLUMOSUS NANUS. From 2½-in. pots	3.50	30.00
ASPARAGUS SPRENGERI. From 2½-in. pots	2.50	20.00
ACALYPHA SANDERII. From 2½-in. pots	4.00	35.00
" " " 3-in. pots, strong plants	6.00	
CROTONS. Twelve best bedding varieties, from 2½-in. pots, elegant plants. These will be fine to shift on for next year's bedding.	3 00	25.00
PONDEROSA LEMON. Largest Lemon grown. Bears fruit weighing two pounds and over. Is bound to become a popular plant. Fine plants from 2½-in. pots, per dozen, $1.00	7.00	
CALLA LILIES. 1¼ to 1½-in. diam., per dozen, 75 cents	5.00	
" " 1½ to 1¾ " " $1.25	7.00	
THE TWO NEW RUSSELIAS, Lemoinei Multiflora and Lemoinei Elegantissima, per dozen, 60 cents	4.00	
BOUGAINVILLEA SANDERIANA. From 2½-in. pots	6.00	
WEEPING LANTANAS. 2½-in. pots	2.00	18.00
OTAHEITE ORANGE. From 2½ in. pots	3.00	25.00
" " " 3 "	4.50	40.00

Send us your list of Roses for quotation.

Our Fall Trade List now ready. Write for it.

THE GOOD & REESE CO., Springfield, O.

The Largest Rose Growers in the World.

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CHINESE...PRIMROSES

Only 15,000 Finest Large Flowering Fringed, per 100, $1.75; per 1000, $15.00.
Obconica Grand. Fimbriata, Rosea (ready Sept. 20) and Forbesi, per 100, $2,00.

ASPARAGUS. Sprengeri, $3.00 per 100. Plumosus, $4.00 per 100.

PANSY PLANTS. Oct. 15. Large Flowering, 50c per 100, $3 per 1000. **Cash Please.**

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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DECIDUOUS TREES!

Medium and large sizes, including

Oaks, Maples,
Oriental Plane, Beech,
Birch, Ginkgo, Elms, Ash,
Lindens, Magnolias, Poplars and Willows

We have an immense stock of the above and are prepared to name **liberal** rates in quantity. Personal inspection invited. Correspondence solicited.

THE WM. H. MOON CO.
MORRISVILLE, PA.

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STRONG CLEAN PLANTS.

McGowan, Scott, Daybreak, Evanston, Mayor Pingree, **$3.00 to $4.00 per 100.**

JAS. C. MURRAY,
403 Main Street, PEORIA, ILL.

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Asparagus Plumosus Nanus,

Strong plants, from 2½-in. pots, ready for a shift, $5 00 per 100.

BEGONIA REX, fine stock in 3-in. pots ready for a shift, in good assortment, $6.00 per 100.
CYCLAMEN, strong bushy plants in 2½-inch pots, finest strain, three colors, $4.00 per 100.
CHINESE PRIMROSES, Globosa type, best strain grown. Pink and red, 2½-in. pots, $2.50 per 100; white, pink and red, 3-in. pots, extra strong, $5.00 per 100.
BABY PRIMROSE, extra fine, from 2½-in. pots, ready for shift, $4.00 per 100.
SWEET ALYSSUM, giant white, extra fine for immediate planting from 3-in. pots, $3.00 a 100.
VINCA MAJOR VARIEGATA, very strong field-grown clumps with 6 to 10 long growths, $6.00 per 100.

Nathan Smith & Son, Adrian, Mich.

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VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.
CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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A Fine Lot of Plants

At Low Prices to Close Them Out....

	Per 100
500 Choice Mixed Ferns, 4-in	$ 8.00
20,000 Pansy Plants, giant fancy flowering, ⅛ of new ruffled, per 1000, $4.00.	
5,000 Flowering Begonias 10 choice varieties, 2½-in	1.50
10,000 Geraniums, fine rooted, a mixture of 40 choice varieties, 2½-in	1.50
200 Boston Ferns, extra strong, 5-in	10.00
2,000 Field-grown Roses, Bride, Bridesmaid and Perle	5.00
2,000 Stock Plants Geraniums, mixed, field-grown	5.00
1,000 Coleus, named, 10 varieties, field plants	5.00
10,000 Chinese Primulas, in separate colors; blue, white, pink and red, Barnard's strain, strong, 2¼-in	1.50

Estimates given for January delivery of R. C. Carnations of all the leaders—200,000.

THE MORRIS FLORAL CO., Morris, Ill.

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Carnations

FIELD GROWN PLANTS.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Send for Price List.

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FIELD-GROWN CARNATIONS

Daybreak, Scott, Portia, Silver Spray, Genesee, Cartledge, Jubilee and Triumph, } **$5 per 100; $40 per 1000**

FIELD-GROWN VIOLETS,

$5 per 100; **$40** per 1000.

Pot-Grown Violets, 3-inch. **$3** per 100; 4-inch, **$4** per 100.

WM. F. KASTING, 481 Washington Street, BUFFALO, N. Y.

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America. G. H. Crane, Gov. Griggs, Melba, Gen. Maceo, Gen. Gomez, Sandusky.

PRICES ON APPLICATION.

W. E. HALL, - CLYDE, Ohio.

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FOR SALE....

350 Jubilee Carnations, 300 Flora Hill Carnations, 1000 Lady Campbell Violets, $3.00 per 100. All field-grown.

CASH WITH ORDER.

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Field-Grown Carnation Plants.

READY FOR IMMEDIATE SHIPMENT.

	Per 100	Per 1000
Olympia	$12.00	$100.00
The Marquis	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
" second size	5.00	40.00
Gen. Gomez	$5.00	$40.00
Mrs. G. M. Bradt, selected	8.00	75.00
Wm. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent. discount if cash is sent with the order.

THE COTTAGE GARDENS, QUEENS, L. I., N. Y.

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4 Acres Field-Grown Carnation Plants, 120,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE BUTTERCUP G. M. BRADT

$1.50 per doz.; $8.00 per 100.

CRIMSON SPORT ARMAZINDY JUBILEE ELDORADO DAYBREAK WHITE CLOUD MELBA MAUDE ADAMS TRIUMPH

$1.25 per doz.; $8.00 per 100.

McGOWAN L. L. LAMBORN SWEET BRIER METEOR FLORA HILL PORTIA MRS. FISHER ALBERTINI WM. SCOTT DOROTHY SWEET C. A. DANA

$1.00 per doz.; $5.00 per 100.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring or freedom of bloom by any other grown. Price 50c per 100; $4.00 per 1000.

J. L. DILLON, - - BLOOMSBURG, PA.

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CARNATIONS.

FIELD GROWN PLANTS.

Genevieve Lord, the finest of all commercial pink Carnations, fine plants, 1st size, **$12** per 100; 2d size. **$10** per 100.

Olympia	per 100,	**$13.00**
J. Whitcomb Riley	"	**12.00**
Estelle	"	**12.00**
G. H. Crane	"	**8.00**
Daybreak	"	**6.00**
Flora Hill	"	**5.00**
Mayor Pingree	"	**5.00**
Armazindy	"	**5.00**
100 Wm. Scott	"	**5.00**
Seedling No. 30, fine plants	"	**8 00**

No. 30 is a bright pink, very free winter bloomer, averaging stems 2 to 3 feet.

H. WEBER & SONS, Oakland, Md.

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EXTRA FINE, FIELD-GROWN Carnation Plants!

Let Us Figure on Your Wants.

CHICAGO CARNATION CO., Joliet, Ill.

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CARNATIONS!

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Field-Grown, $10.00 to close.

L. E. MARQUISEE, Syracuse, N. Y.

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Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER.
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

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THE MODEL PLANT STAKE CO.,

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THE MODEL ROSE STAKE Looped and Pointed.

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With Plenty of Roots.

Send for prices on 35 best new and standard varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi (chenille plant). Extra strong, 2½-inch pots, 4 to 6 inches high, $1.00 per dozen; $6.00 per 100.
The Calla Greenhouses, Calla, Ohio.

Acalypha Sanderii, 2½-in., $4.00 per 100; $35.00 per 1000. 3-in., strong plants, $6.00 per 100. Good & Reese Co., Springfield, Ohio.

ALYSSUM.

Sweet Alyssum, Giant White, extra fine for immediate planting, from 3-in., $3.00 per 100.
N. Smith & Son, Adrian, Mich.

Sweet alyssum, for winter blooming, 2½-in. pots, $2.50 per 100. Cash.
A. F. Belcher, Foxboro, Mass.

ARAUCARIAS.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

Asparagus Plumosus Nanus, first-class, extra fine stock, for use at once. 2¼-in., strong plants, per 100, $3.50 and $4.00. 3 in., strong plants, per 100, $5.00 and $6.00. Terms cash.
W. C. Bryfogle, Bloomsburg, Pa.

A. Sprengeri, 6-in. pots, heavy, $4.00 per doz.; $25.00 per 100; 5-in., $2.50 per doz.; $15.00 per 100. Cash with order, or 25 per cent if C O. D. A. Nelson, Box 1450, Paterson, N. J.

10,000 Asparagus Sprengeri from flats at $10.00 per 1000, $1.25 per 100, 25c per doz. prepaid. Send 50c for samples. D. U. Augspurger & Sons, Box 778, Peoria, Ill.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100; $20.00 per 1000. Nice plants from 2½-in. pots.
Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kan.

Tenuissimua Nanus, 3-inch, $5.00 per 100; strong, 3½ in., $8 per 100. Jno. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

Sprengeri, 2-in., per 100, $4.00. Fine stock. Cash with order. M. & S. L. Dysinger, 414 E. Porter st., Albion, Mich.

1500 Asparagus Plumosus Nanus, 3-in. pots, fine, $10.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

A. Sprengeri, 2-in. pots, $2.00 per 100. Cash with order. Mrs. E. Kuntz, 352 So. 1st St., Frankfort, Ind.

A. Sprengeri, 2-in. $3.50, 2½-in. $4.00, 3½-in. $5.00 per 100. Cash. Roney Bros., West Grove, Pa.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Sprengeri and Plumosus, 2-in., $5.00; 3-in., $8.00 per 100. Cash with order.
Geo. M. Emmana, Newton, N. J.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

A. plumosus nanus, strong plants, 2½-in., $5.00 per 100. N. Smith & Son, Adrian, Mich.

A. Sprengeri, strong 2½-in., 5c. South Side Floral Co., Springfield, Ill.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Sprengeri, strong, 4-in. pots, $10.00 per 100.
I. H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

For full list of sizes and prices see display adv. in this issue.
H. A. Dreer, 714 Chestnut St., Philadelphia.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, strong plants from 2¼-in., $15.00, 3½-in., $25.00 per 100. Begonia Gloire de Lorraine nana compacta, strong plants, 2¼-in., $15.00, 3½-in., $27.50 per 100. Begonia Caledonia, the white Lorraine, from 3½-in., plants ready for delivery Nov. 1, $5.00 each. We are the only firm in America offering this fine, new novelty this year.
R. & J. Farquhar & Co., 16 and 19 So. Market st., Boston, Mass.

Begonia Rex (rooted cuttings). I have a most beautiful collection of this justly popular pot plant in 25 varieties, at $2.00 per 100, assorted.
Paul Mader, East Stroudsburg, Pa.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

5,000 flowering begonias, 10 choice varieties, 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

BERRIED PLANTS.

600 Solanum Jerusalem Cherry. Bushy and well fruited, from ground. $10.00 and $15.00 per 100. Cash, please. Richard H. Kidder, Waltham, Mass.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BOUVARDIAS.

75 clumps Bouvardia, President Garfield, A. Neuner and Rosea Multiflora, $1.25 per doz.; $10.00 per 100.
S. S. Peckham, New Bedford, Mass.

BULBS.

California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100 $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs.
F. Ludemann, Pacific Nursery, San Francisco, Cal.

Harrisii and Callas ready now. Write for prices. Bermuda, Freesias and Oxalis, Romans, Paper White and Holland bulbs soon to arrive. Let us give prices on your requirements. W. W. Barnard & Co., 161 Kinzie St., Chicago.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Bulbs now ready. Roman and Dutch hyacinths, narcissus, tulips, etc. Write for wholesale catalogue. J. M. Thornburn & Co., 36 Cortlandt St., New York.

Ready for delivery now.

Hyacinths.	100	1000.
Early White Roman, select, 12-15 cm.	$1.85	$17.00
Single Blue Roman, select, 12-15 cm.	1.50	14.00
Single Rose Roman, select, 12-15 cm.	1.40	13.00
Double Rose Roman, select, 12-15 cm.	1.40	13.00

Dutch Hyacinths: Extra size, separate colors, doz., 60c; 100, $4.50; 1000, $40.00. A grand lot of named sorts, all popular florists' varieties, doz., $1.00; 100, $6 to $7.

Miniature or Dutch Romans. 11-12 cm., in named sorts or separate colors, doz., 40c; 100, $2.75; 1000, $24.00 up. Produce flower spikes equal to 2nd size hyacintha. Great for growing in pans for Xmas.

Narcissus.	100	1000
Paper White, Giant Flowering, 1st size	$1.00	$9.00
Paper White, Giant Flowering, 2d size	.85	7.50
Early Double Roman, fine forcer	1.00	8.00

	Doz.		
Golden Sun, orange cup	$0.25	1.75	14.00
Trumpet Major, favorite forcer	.20	1.00	8.50
Von Sion, Dutch grown, XXX, giants	.40	2.00	17.00
Von Sion, Dutch grown, XX, select	.30	1.60	14.00
Von Sion, Dutch grown, X, fine	.20	1.25	10.00
Mixed Trumpet Narissus, choice	.20	1.00	8.00

Tulips are in—get the first choice. We have them, fine large bulbs, mixed or separate colors, all forcing sorts. We give you a few sample prices:

	12	100	1000
LaReine, the unexcelled forcer	$0.20	$1.25	$10.00
Belle Alliance	.20	1.25	9.50
Keizerskroon	.20	1.25	10.50
La Candeur	.20	1.10	8.50

Crocus should be planted now. We have whoppers in size, 1—1½-ins. diameter, all sorts and colors.

Freesia Refracta, true white, 1st size, 100, 75c; 1000, $6.00; 2nd size, 100, 50c; 1000, $3.50. White, yellow throat, 1st size, 100, 50c; 1000, $4.00; 2nd size, 100, 40c; 1000, $2.50.

Calla Ethiopica, 3-5 in. circum., doz., 50c; 100, $4.00; 4-6 in. circum., doz., 75c; 100, $5.50; 1000, $50.

Lillies, Harrisii, as healthy as best Bermudas, 5-7, 100, $4.25; 1000, $40; 7-9, 100, $9.50; 1000, $90. Lil. candidum, strong bulbs, doz., 60c; 100, $4.50.

Longiflorum are in from Japan. First advance shipment. Earliest ever arrived in New York. As long as unsold:

	12	100	1000
6-8	$0.60	$3.75	$31.00
7-9	.75	5.50	50.00
9-10	1.25	8.50	80.00

Bulbs, 25 at 100 rates; 250 at 1000 rates; 5 per cent cash discount on above list for one week.
H. H. BERGER & CO. (established 1878), 47 BARCLAY ST., NEW YORK.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

California grown bulbs. Send for our special trade list. Address California Nursery Co., Niles, California.

French and Dutch bulbs ready to deliver. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Callas, 1½ to 1¾ in. diam., $1.25 per doz.; $7.00 per 100.
Good & Reese Co., Springfield, Ohio.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Texas and Mexican bulbs, $2.50 to $15.00 per 1,000. William Tell, Austin, Texas.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

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CACTI.

Mamillaria minima, dainty little gems. Echinopsis Eyriesii, fragrant white blossoms. Stapelia grandiflora, hairy star shaped flowers. Aloe arborescens, showiest Aloe in bloom. Haworthia subulata, a speckled beauty. Nice plants, sure to please, $8.00 per 100; $1.00 per doz. Offsets root easily, $2.50 per 100; 35c per doz. George Leaver, P. O. Box 549, Los Angeles, Cal.

CARNATIONS.

Field-grown carnation plants. Per 100:

Genevieve Lord, 1st size, $12.00; 2nd size..	$10.00
Olympia	13.00
J. Whitcomb Riley	12.00
Estelle	12.00
G. H. Crane	8.00
Daybreak	6.00
Flora Hill	5.00
Pingree	5.00
Armazindy	5.00
100 W. Scott	5.00

Seedling No. 30, bright pink, very free winter bloomer, fine plants, $8.00 per 100. Send in your order promptly.
H. Weber & Sons, Oakland, Md.

Field-grown plants, ready for immediate shipment.

	Per 100.	Per 1000.
Olympia	$12.00	$100.00
The Marquise	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
Gen. Maceo, second size	5.00	40.00
Gen. Gomez	5.00	40.00
Mrs. G. M. Bradt, selected	8.00	75.00
W. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent discount for cash with order.
The Cottage Gardens, Queens, N. Y.

Field-grown carnations. Large, healthy plants, clean and ready for immediate planting.

	Per 100.	Per 1000.
G. H. Crane	$7.00	$60.00
Triumph	5.00	40.00
Flora Hill	5.00	40.00
White Cloud	5.00	40.00
Jubilee	3.50	30.00
Bon Ton	3.50	30.00
Lizzie McGowan	3.50	30.00
Armazindy	3.50	30.00

WIETOR BROS.,
51 Wabash Ave., Chicago.

Strong, field-grown carnations, healthy stock. America, Gen. Maceo, Mrs. Bradt, 1st size, $8.00 per 100, $70.00 per 1,000; 2nd side, $6.00 per 100; $50.00 per 1,000. Melba, Gen. Gomez, Armazindy, 1st size, $7.00 per 100; $60.00 per 1,000; 2nd size, $5.00 per 100; $45.00 per 1 000. Bon Ton, Joost, Psyche, 1st size, $6.00 per 100; $50.00 per 1000; 2nd size, $5.00 per 100; $45.00 per 1,000. Firefly, New York, Sea Shell, Victor, Cartledge, Alaska, Portia, Lizzie McGowan, Scott, 1st size, $5.00 per 100; $40.00 per 1,000; 2nd size, $4.00 per 100; $35.00 per 1,000. Wood Bros., Fishkill, N. Y.

20,000 extra fine field-grown carnations, Scott, Flora Hill, McGowan, Mrs. F. Joost, Mary Wood, New York, Bon Ton, Albertini, Thos. Cartledge, Argyle, Gold Nugget, Lily Dean, Leslie Paul, Iris Miller, Elsie Ferguson at $6.00 per 100; $50.00 per 1000. Melba, G. H. Crane, $8.00 per 100. The above are all good, strong plants.
Evenden Bros., Williamsport, Pa.

Fine field-grown Carnation plants. McGowan, Scott, Daybreak, Storm King, $4.50 per 100; $40.00 per 1,000. Keller, Albertini, Jahn's Scarlet, Armazindy, Genesee, $5.00 per 100; $45.00 per 1,000. Cash with the order. 250 at 1,000 rate.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

Extra fine field-grown stock. White Cloud, $6.00; Flora Hill, $5.00; Daybreak and Wm. Scott, $4.00 per 100. Also a limited supply of Marquise, G. H. Crane, Gen. Gomez, Mrs. Bradt, Gold Nugget, Victor and Triumph. These are excellent plants. Prices on application. W. A. Wettlin, Hornellsville, N. Y.

Field-grown Carnations. Glacier, Evanston, Jubilee, Armazindy, Victor, A. Webb, F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, McGowan, Bridesmaid, Eldorado, Portia, Jahn's Scarlet, Scott, fancy stock, $5.00; ordinary, $3.00. Cash.
Dana R. Herron, Olean, N. Y.

Carnation plants, field-grown. 1000 each of Wm. Scott, McGowan and Eldorado at $30.00 per 1000. 1000 Flora Hills at $40.00. Cash please. A. B. Campbell, Cochranville, Pa.

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Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., $4.50 per 100; $40.00 per 1000.
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ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
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Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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We offer 24 fine named varieties of paeonies in 500 or 1,000 lots at $75.00 per 1000.
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PALMS, ETC.

Home-grown palms, free from insects and disease. They cannot fail to give satisfaction.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24	$12.00	$100.00
3 plants	8	30	30.00	.....
3 plants	8	36	36.00	.....

KENTIA BELMOREANA.

Inch pots.	leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$4.50	$35.00
6	6	24	15.00	125.00
6	6-7	26	18.00	150.00
			Each.	
8	6-7	30-32	3.00	.....
8	7-8	36	4.00	.....

KENTIA FORSTERIANA.

Inch pots.	leaves.	Inches high.	Per doz	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Kentia Belmoreana and Forsteriana, 2½-in., 10c; 3-in., 18c; 4-in., 35c; 5-in., 50c each. Areca Lutescens, 3 in., 3 plants to pot, 18c; 4 in., 25c each. All cool grown, nice clean stock, and cannot be duplicated anywhere for the money. Cash with order.
Geo. M. Emmans, Newton, N. J.

Sago Palms. Fine stock, $3.00, $4.00 and $5.00 per doz. Latania Borbonica, 3-in., good stock, $10.00 per 100; 4-in., very fine, ready for 6-in., $20.00 per 100; 5-in., full character lvs., $5.00 per doz.; 6-in., fancy stock, $9.00 per doz., all clean and in the best of shape. Cash.
Critchell's, Cincinnati, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
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Phoenix canariensis, elegant stock. 4½ in., $25.00; 5½-in., $35.00 per 100. This is surely a bargain. J. B. Heiss, Dayton, Ohio.

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Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

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For palms and other decorative plants write N. Studer, Anacostia, D. C.

If you read these advs. others would read yours.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Extra fine colors and strong plants, ready for planting. Try them. By mail, prepaid, 75c per 100; 250 for $1.50; 500 for $2.50. By express, buyers' expense, $4.00 per 1000. Cash with all orders, please.
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Byer Bros., Chambersburg, Pa.

Herr's Pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100; 250 for $1.50; 500 for $2.50; by express at your expense, $4.00 per 1000. A. M. Herr, Lancaster, Pa.

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Chinese primroses. Globosa type, best strain grown. White, pink and red, 2¼-in., $2.50 per 100; 3-in., extra strong, $5.00 per 100. Baby primrose, extra fine, 2½-in., $4.00 per 100. N. Smith & Son, Adrian, Mich.

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Chinese Primroses. Mixed, ready for 4-inch pots, per 100, $2.00. Cash.
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Primroses, latest improved, large flowering, fine plants, ready for 3½-in., $2.00 per 100.
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Baby primrose, 2 and 2¼-in., $2.50 per 100.
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If you read these advs. others would read yours.

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Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000. Liberty: 12 plants for $7.20, 25 for $12.50, 50 for $15.00, 100 for $28.00.
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Field-grown, Own-root Roses. All the best sorts, tender and hardy. Our solicitor will visit you and make prices, regardless of where you live or quantity you want, if you will drop us a card at once. The Howland Nursery Co., Los Angeles, Cal.

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I shall have a few hundred extra good Bridemaids, 3-in., at $5.00 per 100. Good stock, clean and nice. Cash with order. Jos. Bradbury, Irvington Ave., South Orange, N. J.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

An immense stock of H. P. Roses. All the new varieties. Crimson Rambler, White Rambler. Write for special prices.
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Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
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Bride, Maid, Kaiserin, Meteor, 4-in. pots, $5.00 per 100; $40.00 per 1000. H. C. Steinhoff, 578 Hudson Bd., West Hoboken, N. J.

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Field-grown roses. The Bride, Bridesmaid and Perle, $5.00 per 100.
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Hardy roses in great variety.
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Manetti stocks for fall delivery.
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Do you want to see satisfactory results? Give us a trial. You will remain with us. We offer, for seasonable planting: Kentia Belmoreana or Forsteriana, fresh 1900 crop, 100 seeds, postpaid, 75c; 1000, $4.00; 5000, $17.50. Smilax seed, fresh crop, pkt., 10c; oz., 25c; lb., $2.50. Cyclamen Persicum Giganteum, brilliant colors, mixed, 100 seeds, 60c; 1000 seeds, $5.00. Pansy seed. We pride ourselves on the quality of ours. We offer separate or mixed, Bugnot, Odier, Cassier, Trimardeau, 1000 seeds 25c; 5000 seeds, $1.00. Also any known color, separate or all sorts mixed, at same price. 5 per cent. cash discount on above list for one week.
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Zirnglebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. New crop seed ready July 1.
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From 2 and 2½-in. pots, fine, bushy plants. Must be sold. $5.00 per 1000; 75c per 100. Cash.
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Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, 2½-in., $1.50 per 100. Converse Greenhouses, Webster, Mass.

Smilax, 2¼-in., $1.50 per 100.
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Spiraea, A. Waterer, field-grown, 10 inches high, $6.00 per 100; same from 2½-in. pots, $3.00 per 100. Caryopteris (blue spiraea), field-grown, 2 ft. high, $5.00 per 100; same from 2½-in. pots, $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

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400 strong, field-grown stevia, for Christmas blooming, $6.00 per 100. Cash, please.
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Lemon verbenas, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.
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Lemon verbenas, 2-in., $3.00 per 100.
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Vincas, 2¼-in. $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
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Lady Campbell, fine clumps; field-grown; clean and healthy; grown from young cuttings rooted in sand last spring, $3.00 per 100; $25.00 per 1000. Will send plants that will please. Well packed.
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Send for descriptive circular of the best florists' hose nozzel on the market.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

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Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

Whildin Pottery Co., Phila., Pa.

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We gather our moss and it is the best to be had. Bales, 4½ feet long, 18 inches wide and 20 inches deep, weighing when well dried 40 lbs., 80 cents per bale; 10 bales, $7.00. Green moss, $1.00 per bbl.
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Reed & Keller, 122 W. 25th st., New York, Manufacurers of Wire Designs.

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Primrose, latest improved, large flowering, fine plants, ready for 3½-in., $2.00 per 100. Cyclamen Giganteum, 3-in., $5 00 per 100. Extras added. Cash please.
J. W. MILLER, HATTON, PA.
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PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

334 Dearborn Street.

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DENVER, COLO.

The following scores were made by members of the Denver Bowling Club on Tuesday evening, September 18.

	1	2	3	4	Av.
Geo. Zimmer.....	149	192	149	221	177
N. A. Benson.....	165	184	147	175	167
C. J. Thiess	191	158	156	163	167
Al. Mauff.....	...	189	135	169	164
John Berry.....	188	151	160	132	157
A. M. Lewis.....	139	159	144	135	151
Nell Jakobsen.....	118	159	170	150	149
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C. J. T.



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The Whilldin Pottery Co.

.....INCORPORATED.....

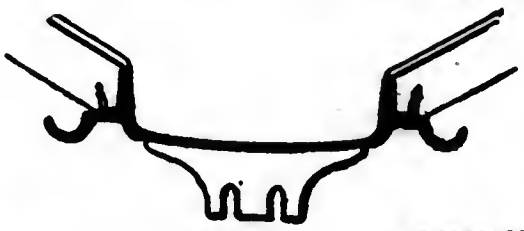
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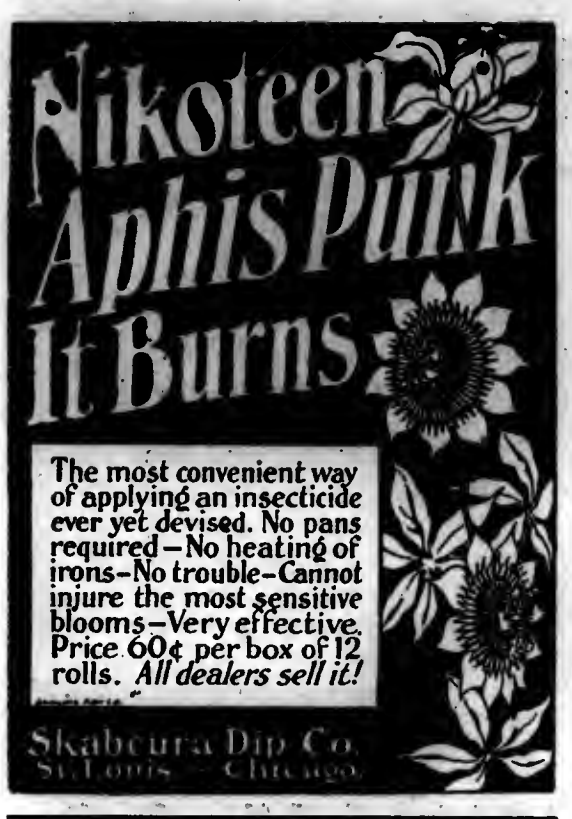
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JOHN RODGERS, Florist, Green Tree Boro, Pa.
HARTMAN BROS., Florists, Allegheny, Pa.
FRED. BURKI, Florist, Bellevue, Pa.

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FINLEY LAWN RAKE CO.....Jollet, Ill.

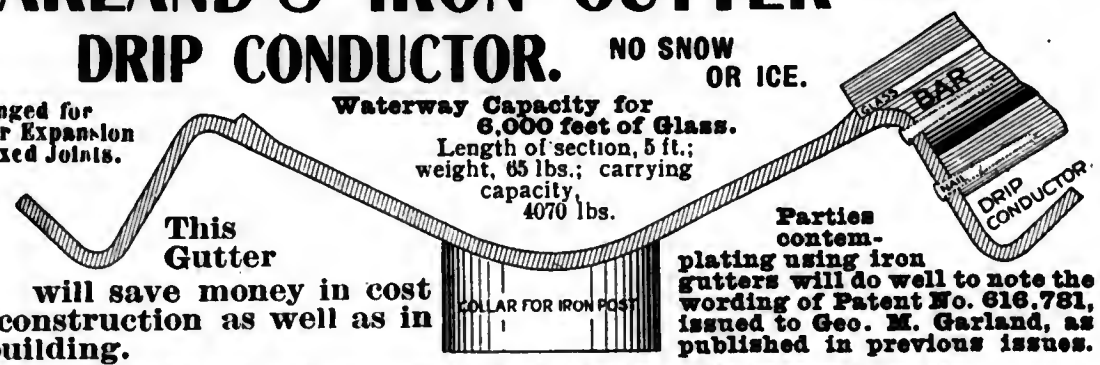
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NO SNOW OR ICE.

Arranged for either Expansion or Fixed Joints.

Waterway Capacity for 6,000 feet of Glass.
Length of section, 5 ft.; weight, 65 lbs.; carrying capacity, 4070 lbs.



This Gutter will save money in cost of construction as well as in rebuilding.

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Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around, front, sides and back. Write for information.

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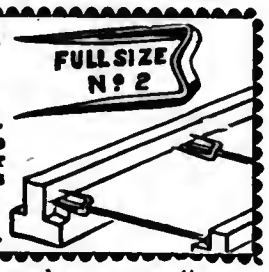
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At National Florists' Convention, New York, 1900.

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Its merits being, in the opinion of the Committee, the large combustion chamber; vertical circulation and entire absence of all flat surfaces; water leg extending well down into ash pit, thus utilizing much of the heat usually lost; simplicity of construction and general adaptability for greenhouse work."

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Horticultural Architects and Builders, Steam and Hot Water Heating Engineers,

NEW YORK OFFICE: St. James Bldg., Broadway & 26th St.

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Horticultural Architects and Builders.



Winners of the Highest Award at the World's Fair, the Dean Gold Medal, Madison Square Garden, for best Amateur Greenhouse; Certificate of Merit, Society American Florists, and the Silver Medal for 1898 of the New York Florists' Club.

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KEAP STREET GREENHOUSES,
BROOKLYN, N. Y., March 23, 1900.

MESSRS. THOS. W. WEATHERED'S SONS,
46 and 48 Marion Street, New York City.

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Yours very truly, Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it. J. S.

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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, OCTOBER 4, 1900. No. 149.

Nephrolepis Wittboldii

We still have a fine stock of our new Nephrolepis, and will fill orders promptly. Florists will do well to get some of the early stock; it is a great addition to the family and a sure winner. Everyone will want it as soon as it is known. Plants from bench, ready for 3 and 4-inch pots, $1.00 each, $10.00 per dozen.

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WM. F. KASTING

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DUTCH HYACINTHS,
NARCISSUS,
TULIPS,
Etc., Etc., Etc.

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They sell themselves. Try a hundred as an experiment.

Plants only, and ready from Oct. 1st to Jan. 1st.

Free by mail — 75c per 100; 250 for $1.50; 500 for $2.50. By express at your expense, $4.00 per 1000.

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Lager & Hurrell, Growers and Importers.... **Summit, N. J.**

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PANSIES WORTH RAISING!

SEED..... 3-16 oz $1.00
1 oz 4.00
PLANTS 500 ..... 2.50
1000 ..... 4.00

F. O. B. Express here. CASH WITH ORDER.
Everything First-Class.

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500 VARIEGATED VINCAS, strong, field-grown plants, vines 3 to 5 ft. long; $10.00 per 100. Daily boats to Chicago and Milwaukee. Cash with order please.

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Begonia Gloire de Lorraine.

Fine strong plants from 2¼-inch pots, $15.00 per 100; 3½-inch pots, $25.00 per 100.

Begonia Gloire de Lorraine Nana Compacta.

Fine strong plants from 2¼-inch pots, $15.00 per 100; 3½-inch pots, $27.50 per 100.

We especially recommend the 3½-inch size as being exceptionally well rooted, and of strong, healthy growth; almost ready for a shift to a 6-inch pot. These plants should find a ready sale at Christmas as they will be in full flower at that time.

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Plants from 3½-inch pots, for delivery November 1st, $5.00 each.
We are the only firm in America offering this fine new novelty this year.

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NEW CROP NOW READY.

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L. J. KRESHOVER, New York, N. Y.
M. RICE & CO., Philadelphia, Pa.
THE VAIL SEED CO., Indianapolis, Ind.

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CYCAS WREATHS, MOSS WREATHS, FERNERIES and JARDINIERES, WHEAT SHEAVES and IMMORTELLES.

New Catalogue of FLORISTS' SUPPLIES on application. For the trade only.

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F. W. O. SCHMITZ, Jersey City, N. J.

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ZIRNGIEBEL GIANT PANSY PLANTS NOW READY

Giant Market, $5.00 per 1000; Giant Fancy $10.00 per 1000. Also Seed of the above strain at $1.00, trade packages.

DENYS ZIRNGIEBEL, Needham, Mass.

PRIMROSE and CYCLAMEN.

Primrose, latest improved, large flowering, fine plants, ready for 3¼-in., $2.00 per 100. Cyclamen Giganteum, 3-in., $5.00 per 100. Extras added. Cash please.

J. W. MILLER, HATTON, PA.

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Wholesale Florists,

119-121 West 23d St., New York.
SHIPPING ON COMMISSION.
Telephone 733 18th St.

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REED & KELLER,

122 W. 25th St., NEW YORK CITY.
Manufacturers of
WIRE DESIGNS
Importers and Dealers in **Florists' Supplies.**

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NEW CROP NORTHERN FERNS.



Laurel Festooning 4c to 6c per yard. Best of goods always on hand.

CROWL FERN CO., - MILLINGTON, MASS.

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JOHN WELSH YOUNG,

WHOLESALE GROWER OF

Pandanus Veitchii and Boston Ferns,

See page 427 of the Review of Sept. 6 for prices.

Upsal Station, Penna. R. R. **GERMANTOWN, PA.**

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Always mention the Florists' Review when writing advertisers.

THE RETAIL FLORIST.....

Plant Baskets.

Many of the retail florists of New York are displaying baskets filled with small plants and they are very sanguine over the success of this part of the trade. The baskets are mostly of the lidless hamper type, zinc lined and are painted green. The plants consist of small palms, ferns and colored dracaenas, etc. Some put a broad band of cerise or magenta ribbon around the basket, tying a bow at the front corner. Some very pretty effects are seen, and the possible developments in this section of the business are great, for defective plants may often be thus used up, and then again flowering plants of almost every class may be utilized. I expect to see some of the ribbon fiends put sash bows on every plant and thus bring into ridicule what might otherwise become a leading feature.

There will be no doubt of the success of flowering plant baskets, and even ordinary plant baskets, next Christmas, but to introduce and push them into prominence at this time of the year means much harm to the cut flower trade. There is no mistaking the fact that an undecided customer coming into your store for the purpose of sending a present of either plant or cut flowers can very easily be persuaded into buying one of these baskets of plants. To be sure there are very many customers who know what they want and it is not good policy to be too persistent in the attempt to switch them off on to your choice, still a design well done speaks for itself, and a sold tag on one or two of them excites curiosity and creates a desire to get what belongs to others.

"Sold" Tags.

You know how it is, put a sold tag on many things and some one will come in and insist on getting that very thing, you may have better of the same kind for sale, but it seems to be human nature to begrudge others getting anything useful or pretty, and first choice, even though it be a palpably bad one, excites envy in some narrow breast. In very exceptional cases it may be imperative for you to give your good, proud and particular customer that which you have sold to another, but the practice is a bad one, and it is safer for you to be firm. Offer to duplicate anything but be honest towards the first customer be the other ever so influential, for the latter, too, may despise you for your action.

Plant Baskets Again.

But to return to plant baskets, there is perhaps a good deal to consider in regard to them. Though there may be no doubt as to their popularity at the opening of the season, when people are settling down after vacation and remembering and rewarding pleasant friendships by sending them a basket of plants, still we must remember they are not adapted to all occasions. There is no doubt but that the person who desires their florist shop present to last the longest will select such a one, and this class comprise no small section of your trade.

As we have previously remarked, the cut flower trade will be considerably damaged, but then the retailer is justified in trying to feed the hunger for change. The large majority demand change and if you cannot give it to them they will try some one else. We cannot blame growers for sticking to the cultivation of the few things they know or think they can grow well, but there are a great many greenhouses today in which poor grade cut flowers are produced which would pay better if producing some useful and scarce commodity. Whilst we would not like to see the cut flower trade diminish one degree below what it is, still we are glad to see the plant trade increasing and it is increasing day by day in unmeasured strides. When the people of a country love plants they naturally love flowers also.

The Plant Trade.

The plant trade in America is enormous; the plant growers of other countries will vouch for it. We are fast producing our own instead of importing. The great trouble with the American grower seems to be that as soon as his young palms are showing above ground he is anxious to sell, whilst in Europe the growers push their stock into size to supply the demand of the American market. The superabundance and cheapness of small palms in this country at present is responsible for the profusion of baskets of plants offered for sale, and every sensible and up-to-date florist will encourage rather than decry the change.

There are many florists who don't care for the plant trade. They carry a stock because they find it a necessity, not a source of profit in most cases because they handle it indifferently. There is no good in being in a business half-heartedly, you only injure that particular line of trade and make yourself fretful. It is often very necessary to exert yourself to coax trade. Well off and happy should be they who are making money without exertion, and when we look at many of the florists' windows and stores, and study their methods, we wonder how they get along; perhaps the sequel can be found in the grower's or wholesaler's safe. This style of doing things may be fashionable with some but there is more charity in it than manliness, and yet you know if another were to start up in the same block, whew, how the clouds would concentrate!

Arranging Plant Baskets.

There, there! We have a nasty habit of looking straight at things. We were talking of baskets? Oh, yes; well, you know baskets with zinc linings are pretty expensive things; a few dozen of them cost considerable. At Easter and Christmas it is not necessary to have tins or zinc linings to all your plant baskets, but at this season of the year it is necessary to have such. The baskets offered by the dealers are great in color, a blind man mixes the paint, you know; they call most of the colors green, but most of them remind you of seasickness. Well all we wish to say is, be careful of the color; it might degrade what you put in the basket.

There are many florists who dig any old sort of soil out of the back yard to fill ferneries and plant baskets. They don't know that plants require good soil which their grower could bring in for a small consideration. Very great care should be used in arranging plants in the basket, both with a view of their looking well and keeping in good condition for a considerable length of time. Many, in order to make their work look well, unnecessarily disturb roots and the plants soon turn yellow. If the basket is not quickly sold this is what will make you lose money. In either case dissatisfaction must come from plants arranged for effect without regard to their lasting or growing and the fault lies mostly in overcrowding.

Fern Dishes.

Many a plant's value and beauty is lessened or entirely shut out by this very common practice; it is especially so with fern dishes, and you know what trouble frequently arises from the short life of a fern dish. To be sure it is most often because Mary, Annie or Richard puts boiling water on it, or puts it on the window sill to get frozen, but there are many cases where the fault lies with the florist though he will not admit it.

It stands to reason that when all

the soil is taken off the roots of small plants, especially delicate things like Lycopodium denticulata and the adiantums, they should not prosper in a house unless under extreme care, which is not possible in the dwelling house, where servants are busy or know little of plant wants. We have known of a great many cases where customers have refused to pay for ferneries because they didn't last long, and when you have to do a thing twice for the same money there's nothing in it, only lots of hard thinking and possible loss of trade. There is too much of that class of troubles in the retail trade, and the only way to lessen them is to do the work well.

Very few florists ever get their money back by offering fern dishes for sale. Plated goods are not popular with the class of people who use ferns in the center of their dining table. Avoid offering anything that is a palpable fake. Better look for some novelties in earthenware. A nice vase or dish is always acceptable anywhere. In this way too the basket trade may develop into a permanent demand for plants. Some pretty vases cost no more than baskets. The latter soon find their way to the cellar, the former is kept upstairs where it is always an advocate in the cause of plants.

But here's another side of the question: When your customers want high priced vases they prefer to buy them at the regular crockery stores for the reason that they imagine your prices are high. The florist's safest plan is cheap and medium priced vases and jardinieres with exceptional shapes and colors. Such are very often useful in work whilst awaiting a customer.

Returning to baskets of plants again, the prices of those shown in the New York stores range from $5, $7.50, $10, some lower, a few higher. Some care must be taken in watering; don't spoil the basket. A few years ago a firm started manufacturing very handsome tiled plant boxes. They would very likely sell well now if they could be offered at a moderate price.

The plant trade is necessary and as far as permanent house decoration is concerned baskets are a failure, for temporary work they may be all right. We have very few potteries in the country that turn out jardinieres equal to those of Europe in coloring. We have often thought that the florists should somehow concern themselves in this matter for their interests are affected.

Rubbers.

Small branched rubbers are the favorites in that class of plant; here one or two growers make a specialty of growing their stock so. We recently saw two benches of Ficus elastica in an auction room. They were from different growers but were of the same importation and size when the growers bought them. One lot was now single stem and about 18 to 24 inches in height. They were sold for 60 cts each. The other lot were 2½ ft. high and branched, and sold for $1.25 each. There is about as much difference when you come to retail them. The latter lot was grown by a man who knows the trick and profits by it, and yet you know there are some people who have the face to ask for information from you and I and all who have had to toil years and years to find out, and they begrudge to pay the paltry subscription to a trade paper. Verily the people in the world are queer lumps of animation.

Window Displays.

Very beautiful colored autumn leaves, chiefly of the scarlet maple, are shown in some of the Broadway windows. They look very elegant, especially at night. Mounds of cuneatum set off their colors to great advantage.

We would like to tell some "Floral artists" that dahlias and cattleyas do not "go well" together; yet we very frequently see them so displayed in the gaudy windows. Very few flowers are equal to cattleyas. Dahlias, gladiolus, and all outdoor flowers should be kept a respectable distance away. There is aristocracy 'mong flowers as well as among peoples, and there is always trouble where mixtures occur. 'Tisn't the mere color line, it is refinement. Dahlias are worth 50 cts. per doz., cattleyas are worth more than that each. There is beauty in both, but the quality of it differs.

Most of the principal stores have a group of Livistona rotundifolia in 4, 5 and 6-inch pots. They are beautiful little plants, suitable for most kinds of table ornamentation, and are a pretty item in the baskets of plants. One grower is making a feature of Davallia bullata in ball shape resting on a low miniature gilded tripod stand; they promise to sell well. It is a Japanese style of growing the fern ball. Light pink chrysanthemums are coming in, 4 to 5 inch diameter; these are bought for novelty sake; there is no demand for them. A good bunch of well grown cosmos can be made very effective.

Try a window of crimson cannas or salvia before the frost cuts them. There will be plenty of room for indoor stock when winter's gales and snow abounds. IVERA.

CUT FLOWERS.

Mr. C. H. Reed, Birmingham, Ala., who receives a good many flowers from Chicago shippers, says that though he is 800 miles from that shipping point there will be not more than one shipment in fifty that is not entirely satisfactory. He says that except in the very hottest weather there is always some of the ice left in the central compartment of the box and the flowers in good shape.

But before using them he cuts the ends of the stems and places them in water and then in an ice box in a cellar. He leaves them here for 8 or 10 hours if possible and he says that when they come out they are in a better condition than when they left Chicago, and last several days. If not given this treatment—and sometimes there is not time to do so when the flowers are needed at once—they will last hardly a day.

When he has a wedding order he arranges to have the flowers reach him the day before so he may have time to give them at least 12 hours in water in his ice box. And he never has any complaints as to their lasting qualities after they have had this treatment.

He treats the carnations just the same as the roses.

CARNATION MORNING GLORY.

I wish to say a word for Morning Glory carnation, sent out by Messrs. Ward and Dorner. It is a shell pink and of great promise with us. I saw it at Mr. Dorner's last winter and it pleased me so well that I bought 1000 rooted cuttings. They were planted in the field April 15th and were brought into the houses the last week of August. The plants have averaged five blooms each up to date (Oct. 2) and bear five buds and 21 shoots in various stages of growth.

Morning Glory did the best this year of the twenty varieties we had in the field, and burned less. We have now in the bench 9,000 cuttings from flowering shoots. We did not like to throw them away. When rooted we shall pot same for summer blooming. We shall discard all other shell pinks for Morning Glory. It takes fine.

ALFRED MITTING.

Morris, Ill.

PROLONGING OUT-DOOR SUMMER FLOWERING CARNATIONS.

Those having only a limited number of houses for winter carnations, and in trying to get the main crop in for the holidays, often find themselves very short of room in September, October and November.

We succeeded in having flowers not only during the summers, but late into the fall, by which time they were blooming freely inside.

Some of the new varieties are good outdoor bloomers. We have discarded Portia and find Crane much better for red. Genevieve Lord is very good in pink, but it is hard to find a better variety than Wm. Scott. Thos. Cartledge is very free and continuous in Tidal Wave line. In white, Mrs. Fisher is best for short white and very continuous, whilst Flora Hill, though very superior, is a cropper.

When planting from 3-inch pots in April, make the beds the width of your hot-bed frames, with a good wide path between and space to place the sash when uncovering. If the frames are shallow raise to the sufficient height and place boards beneath temporarily, but close together. In case



Basket of Meteor Roses, Pandanus Veitchii, Dracaena Sanderiana and Asparagus Plumosus.

of a severe freeze have enough boards to cover the sash and plenty of straw litter to throw on and around the sides. As long as the weather is favorable take off the sash entirely.

It is surprising what a number of really superior flowers may be picked this way and often with the small grower to a great advantage.

JOSEPH REEVE.

OUR CHRYSANTHEMUM SOCIETY.

Chrysanthemum time is with us again. Is it a coincidence, or is it the importance of the flower that is accountable for more flower shows being held in chrysanthemum time than at any other period of the year? To my mind the fact is clearly demonstrated that the Queen of Autumn is so thoroughly ingratiated in popular favor, she is in no danger of being deposed. In short, the flower that was thought to be a popular fad is now an accepted entity. Now, that it is again coming in season, appears an opportune moment to say something on behalf of the society that is devoted to this special flower, and to bespeak for the Chrysanthemum Society of America such a full measure of support that the good work it has so far done may be amplified and extended for the general good of all.

Special societies devoted to particular flowers have passed beyond the experimental stage, have proved by earnest conscientious work that they existed for something more than mutual admiration purposes and the sum aggregate of work accomplished shows material advancement of the subject.

Can any one deny that the American Carnation Society has justified its creation? Has not the resuscitated Rose Society a fruitful field wherein to labor and its initial effort this year is but an earnest of greater future efforts. The Chrysanthemum Society, too, is in the field and the sum total of its accomplishments will be in an enlarging ratio with the support that is given to it.

For several years committees have met weekly during the chrysanthemum season in five leading cities and have passed judgment upon such new varieties as were submitted to them. This surely is work of an important character in a flower so prolific in variety, and work of positive value to chrysanthemum growers. It has saved them money, time and wasted effort in fruitless trials of varieties that they might have been tempted to try if there had been no C. S. A. standard of merit and no committee to judge in accordance therewith. For two years a substantial prize was offered at an early date to encourage production of early flowering varieties of merit, but as these were not forthcoming the prize was last year offered for and awarded to the seedling scoring the highest average of points before the committees. This year a similar prize is offered for competition at Chicago in connection with the Chicago Horticultural Society's show under conditions appealing to all growers: namely, for ten blooms of any one variety new or old.

The society is working in harmony with the National Chrysanthemum Societies of England and France and is offering a prize this year to be competed for at the forthcoming show of the French society in Paris this fall.

But is this enough? We have a society capable of greater things and it is the opinion of many, each recurring chrysanthemum season should see an exhibition held under the auspices of the National Society in one of our prominent cities. Let this become an accomplished fact and in this enlarged sphere of activity the society will grow in membership and in influence with large resultant benefits accruing to those most interested.

There is plenty of work in the chrysanthemum field. We should take up the flower and develop it along other lines. There are other important points of view from which to regard it besides commercial adaptability, which is the dominating factor of our present work. We have an immense territory where chrysanthemums in the open air are not in danger of succumbing to early frosts. A National Society should do something in this direction. Our first great need, however, is for more workers, and who, loving the flower or having aught to do with it, would remain outside the ranks of the society when membership in it costs but one dollar a year. Join now whilst the flower is in season and a year hence you may be participating in the consummation of present hopes. Applications for membership, with the accompanying fee, may be sent to the Secretary, Mr. E. Lonsdale, Wyndmoor, Philadelphia, Pa., at any time:

A. HERRINGTON,
Madison, N. J. President C. S. A.

BASKET OF ROSES.

We present herewith an engraving from a photograph of a basket of Meteor roses arranged by the Geo. Wittbold Co., Chicago, in which Pandanus Veitchii and Dracaena Sanderiana have been added with excellent effect. We believe the picture will be of considerable interest in several ways. The engraving is so clear that a detailed description is unnecessary.

ORCHID FLOWERS.

An inquiry in one of the English gardening papers indicates that some English orchid grower is considering the advisability of attempting to ship cattleya flowers to the New York market.

MISCELLANEOUS SEASONABLE HINTS.

Preparations for Winter.

In this latitude a good frost is generally due before the 15th of October. Sometimes we escape, but it is well to be prepared, and this year ever so slight a frost will be injurious because we have had copious rains and everything out of doors is soft and succulent. So if you don't have everything under glass have it in such shape that it can be rushed in or covered with sash.

There is no doubt that cyclamen are better to be left in the frames except those you want for early flowering, and stevia and azaleas delight in such fine cool weather as we are having, but don't get caught.

And above all don't delay in putting in glass where any is out. It has to be done sometime and don't leave it till the cold winds blow in and the fumigation goes out. Fumigation after all is the cleanest way to get rid of the troublesome black aphis and this is just the season when it is most in evidence.

Chrysanthemums.

We should get a fair price for our chrysanthemums, for they are really a great deal of work. But if you are growing them at all grow them well. Laterals want constantly pinching off. Some of the varieties want much disbudding. And above all don't neglect their tying. The late varieties are still growing fast and unless you keep the stems straight and in their proper place there is soon great confusion. Early varieties will be soon in their prime and when about expanded do not want a great deal of water.

Ivory is just swelling the buds and such standard sorts as Maud Dean and many others will now be greatly benefitted by liquid manure. We haven't the facilities for distributing the liquid through pipes, which ought to be the means in all large places, but even if you have to carry it in watering pots it will well repay to do it. I have heard several reliable gardeners speak most highly of Albert's manures. When I asked them for what, the reply was, "For everything, particularly for mums." It is easy to handle. We once tried it on mignonette in a bed and saw its good effects.

There was last year and has been for two or three years, a disappointing sale on pot mums. Plants that were lifted from the bench about the first of September have made fine bushy plants in 6 and 7 inch pots. Don't let them flop about for want of tying, for when the flowers are out they surely will unless slightly supported. A stake in the center and some very fine strands of raffia leading off to the principal growths is usually enough, and infinitely better than a lot of stakes.

Carnations.

There is not much to be said about carnations just now, except a few of the golden rules. Whether it is early planting, or better soil, or several causes, I don't know, but carnations seem to be doing unusually well so far. You cannot possibly give them too much ventilation during October, except perhaps on frosty nights. The mean temperature of the month, and perhaps the first half of November, is several degrees higher than you will give the carnations during winter, therefore now is the time to lay the foundation for a sturdy, robust plant. They will flower quickly enough.

I have seen no tie yet so neat and effective as the Model and the cost is but a trifle more than the several other devices that are not nearly as serviceable. Now don't ever let green fly appear. A mild fumigation once a week will keep down the aphis and the odor soon passes away.

Violets.

About this time last year we were much pleased to see a large lot of violet buds appear and at the end of October we were picking a big crop. Then again from middle of November till after New Years violets were very scarce, not only here but everywhere. Now our violets are much finer plants and in better health than last year and are making runners and lots of buds, and if we let all these buds develop the same thing will again occur. We will have a great crop when they are not in much demand and when they are in great demand, say, from end of November on, we won't have them.

At least that is how I figure it out, and the reason for the crop going off is because the weather is comparatively warm and the great crop exhausts them. So we shall keep the buds picked off with the runners till the first of November. If you have several beds you can let one of them give you flowers, but I feel sure that this great crop in October is not conducive to a Christmas crop.

WM. SCOTT.

MONTGOMERY, ALA.—Mr. W. B. Patterson has just erected seven new houses each 100 feet long. Business outlook is good here.

THE GALVESTON DISASTER.

Losses by Florists.

On receipt of Mr. Pruessner's former communication we replied requesting him to visit the various florists and endeavor to make an estimate of the loss in each case. In response to this request he submits the following list of losses of the florists still living, the amount being estimated in each case by the loser:

J. C. Wise (left town—our estimate)	$ 250.00
Mrs. Harris (left town—lost her husband—our estimate on loss of plants and one greenhouse)	750.00
Loss on homestead	2,500.00
Chas Poppe, plants and supplies	1,600.00
Chas. Steding, plants and supplies	1,000.00
" " furniture	250.00
Mrs. J. Maurer, greenhouse and plants	1,000.00
" " homestead, etc	3,250.00
O. Ohlson, greenhouses and plants	800.00
" homestead	700.00
Mrs. Chas. Eikholt, plants	2,700.00
Otto Fehrlin, greenhouses, plants, supplies	3,500.00
" furniture	500.00
J. D. Pruessner, plants in greenhouses	3,500.00
" greenhouses and buildings	1,300.00
" store and contents	1,100.00
" furniture and clothing	800.00

Complete Death List.

In addition to above Mr. Pruessner submits the following complete list of florists drowned in the flood and an estimate of the value of their property that was destroyed:

Joseph Rosenkranz, wife and child; loss on furniture, $250.

Mrs Kleineke and four children, greenhouses and plants $750; homestead, $5,000.

Henry Steding, wife and child, greenhouses and plants, $1,500; homestead, $500.

Thos. Kemp, wife and mother, greenhouses and plants, $1,500; homestead, $1,000.

Mrs. Thos. Keats, husband and daughter, greenhouses and plants, $2,500; homestead, $5,000.

CHICAGO.

The Market.

Business continues to improve though it is not as steady as could be wished. Monday trade was excellent, but on Tuesday there was a reaction with several dealers. Prices have stiffened somewhat though there are weak spots at times in some lines. Really good carnations now bring $1.50 easily and the best fancy go as high as $2.00 and $2.50, though sales of poor grades are still made at as low as 60 to 75 cents. Whites were rather scarce Monday. In tea roses the best bring $4.00 readily and more are being sold at that figure, though the poorer grades are still being sacrificed. In Beauties the best now bring $3.00 a dozen and prices grade from that figure down to nothing. Valley is in and is quoted at $4 to $5.

Some Lawson carnations are coming in at Bassett & Washburn's and E. H. Hunt's and bring top price.

Last Monday Anton Then sent to Hunt's 150 Fitzwygram chrysanthemums, white and yellow, that ran from 4 to 7 inches in diameter.

Special Club Meeting.

At the special meeting of the Florists' Club held at the Sherman House last Saturday, a committee was ap-



What Was Left of the Greenhouses and Store of Mr. J. D. Pruessner, Galveston, Texas, After the Storm.

pointed to solicit subscriptions to "The Chicago Florists' fund for the relief of the florists of Galveston." The committee consists of the following: For the north side—Walter Retzer and Edgar Sanders; for the south side—John Reardon and C. A. Samuelson; for the west side—Walter Kreitling and George Asmus; for the downtown section—all the wholesale houses. Some liberal contributions have been already received. The list of subscribers to the fund will be published. The committee is to make a report at the regular meeting of the club to be held tomorrow (Friday) evening.

At this meeting the regular winter program begins and the subjects for discussion are: "The best tulips and hyacinths for forcing and for pot culture," also, "How to grow Boston ferns successfully," and "The best ferns for filling ferneries, pans, baskets, etc." It will surely be a very interesting meeting.

Various Items.

Phil. Hauswirth acted as one of the judges at the county fair at Rockford. He says some of the floral arrangements entered were quite up to date and very creditable.

Mr. C. H. Reed and family, who spent the summer in Wisconsin, visited the trade here last week while on their way back to Birmingham, Ala.

McKellar and Winterson have partitioned off a part of their store into a sample room where may be inspected at leisure samples of each of the styles of baskets, etc., they carry in stock. Among recent arrivals of stock here is a car load of cane stakes.

Mrs. E. H. Hunt left Monday for Seattle, Wash., for a visit with the family of her son's wife.

J. A. Sicuta recently returned from Mt. Clemens, where he left some of his rheumatism.

Notice has been issued that the firm of Walter Retzer & Co. has been dissolved. Alfred B. Everett retires and the business will be continued by Walter Retzer under the old firm name. The notice states that all liabilities of the firm have been assumed by Mr. Retzer.

Geo. Faber, of Kankakee, who recently returned from an European trip, was a visitor Monday. He says the horticultural department at the Paris Exposition was very disappointing.

A shipment of leucothoe sprays has been received by E. H. Hunt.

Andrew Anderson, Batavia, Ill.; W. H. Drake, Kenosha, Wis., and Fred Darch, of Darch & Hunter, London, Ont., were recent visitors.

Bowling.

Last Friday evening the bowlers made scores as follows:

									Av.
Jno. Degnan	...	185	177	158	123	168	...	...	162
P. Hauswirth	..	166	154	147	133	157	185	155	157
E. Winterson	189	183	114	139	170	140	181	138	157
C. Balluff	...	157	134	155	120	145	172	164	150
W. Kreitling	...	155	130	143	104	118	117	...	128
A. Frank	129	150	109	119	92	140	92	...	119
E. Hauswirth	...	...	108	132	99	116	120	...	114
W. Heffron	119	111	111	127	107	97	...	...	112

BOSTON.

Various Items.

First half of last week very quiet so that the little raise in prices quoted last time was lost and goods began to accumulate on our hands again. But at the very end of the week there seemed to be both an increase in sale and a cutdown in supply, on outdoor goods especially. But it was not strong enough to lift figures enough to amount to anything except on a few best pinks.

Prices are low yet. Nothing noticeable about the product now coming in unless it may be the fact that the

Liberty rose is improving in some cases. The best I have seen came from W. H. Elliott's and were about a foot long. Some very good Princess violets are coming in and have been selling very readily at 75 cents per 100. No double ones have appeared yet.

This fine weather is probably most to blame for slowness of business as it keeps a large part of the monied people yet at their summer haunts by the sea and among the mountains.

News is off crop as usual. J. Austin Shaw has been delighting us with his expansive smile and genial way for the past few days. He is one of the strongest links that connects us with the rest of the profession.

October 1st, being the day when the new leases went into effect under the Park street spire, there was a general shuffling around of the salesmen and everybody was asking for the whereabouts of everybody else. Several new men were in and we are surely going to be the people after this.

J. J. Johnson reports the finish of a 150-foot addition to the length of his rose houses.

Salesman Manter is supplying his brother salesmen with a new style duplicating book. B. T.

NEW YORK.

The Market.

There is not much to record of interest to florists. In this city cut flower trade is dull and the quantity of flowers is increasing. Beauties lead in quality and in demand. Small roses are very plentiful, but you have to go through a heap to get the few select ones first class trade requires. Violets are coming in in quantity and the quality is fairly good. The wholesalers dread what is before them in the matter of chrysanthemums. Cattleyas are plentiful; it is a wonder to us the western cities don't use more of them; the Greeks will soon be selling them on the sidewalks here. The continued warm weather is a lucky thing for some growers who depend on the flowers they can cut from their carnations in the field.

The Fairs.

The several state and county horticultural and agricultural fairs recently held in this vicinity have all been great successes. The local florists of each district have made some very fine displays at them. The one held at Mineola was remarkable for its fruit, flowers and vegetables. Clucas & Boddington put up a magnificent lot of bulbs there, and Chris. Besold, Ferd. Boulon, W. L. Swan and others won several well merited prizes for flowers and plants.

Decorated bicycles and autos were a pretty feature of the Guttenburg Fair. Mr. Warendorff won first prize for decorated machine; this was illustrated in Sunday's Herald. We are pleased to note the yearly increase of floricultural exhibits at these fairs; it does immense good and we cannot have too much of it.

American Institute.

There was a very pretty show given in New York last week by the American Institute at the Berkeley Lyceum. Admission was free. The floor space was well covered with fine exhibits. Lager & Hurrell had a table of choice orchids; the gem of this collection was a most beautiful cattleya; the general effect of the flower is white with a lip as sweet as that of a pretty girl, flushed with exquisite coloring ,it is a creation of C. Mendelii x. C. intermedia.

Julius Roehrs won first prize for group of orchids and decorative plants. Geo. Hale and Wm. Turner equal seconds in the same class; they were all fine groups. Jas. Bell showed a table of well grown and highly colored caladiums; his asparagus and Alocasia violacea were splendid. N. Hallock displayed a very fine collection of phloxes, and J. Lewis Childs took all the prizes in gladiolus. The Manhattan State Hospital at Central Islip, L. I., made an extensive exhibit of plants and vegetables grown by the inmates, under the guidance of the veteran gardener, W. Thompson. This exhibit got high praise from the daily papers just because it was given out that lunatics grew the stock; we mention this to give you a pointer how to get free advertising. Just say lunatics or murderers grew your stock and you'll get columns.

The dahlia exhibit was the principal feature of the show. Growers of these flowers say it has been a very bad season for them on account of dry weather. Some very fine flowers were shown. H. F. Burt, Taunton, Mass.; Lathrop & Higgins, East Bridgewater, Mass.; Geo. H. Hale and Jas. Dowlen, of Seabright, N. J.; Rowehl & Granz, Hicksville, L. I.; W. Atlee Burpee & Co., Philadelphia, and H. Beaulieu, of Woodhaven, took all the prizes. Though there were a great quantity of pompons, shows and fancies, the cactus and decorative types were by far the most attractive and are pre-eminently the most suitable for florists' trade. Very few singles were shown.

Alex. McKenzie, Cedarhurst, L. I., exhibited two well grown Acalypha Sanderi; J. W. Duncan, Greenwich, Conn., took first in hardy garden flowers; Mrs. J. H. Troy showed some well grown tea roses; Robert Kift, of Philadelphia, made a display of his decorative glasses and rods. These have become a pretty feature at all our shows. The Rural New Yorker staged some very fine spikes of a new crimson gladiolus called "Princeps."

W. C. Krick had his new plant stands in use there, and Ellwanger & Barry, of Rochester, made one of the finest exhibits of fruit ever seen here; they had about 100 varieties of pears, 50 varieties of apples and quinces; grapes and peaches were also a feature. Other exhibitors of fruit and vegetables were Wm. Scott, Howard Nichols, W. Turner, A. Taaffe and Jas. Cannel, each taking several prizes.

A chrysanthemum show will be held in the same place in November, and as this will be the only one given in this city this fall, there is sure to be some keen competition.

The bulb men report splendid business in all classes of stock.

Don't forget the club meets next Monday night. J. I. D.

PHILADELPHIA.

Cut Flower Trade.

The last week in September showed continued improvement in the cut flower market. The increased demand was largely for suburban orders. The supply continues to increase and the weather being too warm for the quality of the blooms to improve, prices remain low, at about last week's figures. September, taken as a whole, does not compare favorably with September, 1899. There are a number of reasons given to explain this falling off. The very warm weather, unsettled business conditions, the elections, and so on.

These reasons may all have something to do with the result, but the most important is that our seasons are gradually changing. June, with its weddings, commencements and garden parties, brings more business each year, while September with nothing in particular to attract the gay world to the city is becoming duller year by year. It is probable that this change is a blessing in disguise to the cut flower grower whose houses are intended for winter blooming as it decreases the temptation to weaken his plants by too heavy fall cutting.

Plant Trade.

Whether the plant trade has shown an improvement over the corresponding month of last year is difficult to assert with certainty, the business being scattered and not concentrated as in cut flowers. From all indications it would appear that it has improved decidedly. The convention being held in the east in August brought the buyers to New York and to this city. Some of the New York growers did so well that they have come here for high grade stock which was cleaned up at home.

Then, last spring having been generally prosperous, the out of town buyers are ordering the best, not the cheapest, decorative plants, always a good sign. Again, the west is realizing, as the east has realized, that home grown palms are not only better, but cheaper in the long run than imported stock. All these causes, coupled with the knowledge of some large shipments, make the above assertion a reasonably safe one.



N. Bostoniensis. N. Wittboldii.

The October Outlook.

The outlook for October is bright in all branches of our business. One dark spot, the coal strike, now seems in a fair way to be removed. Many a grower will breathe a sigh of relief when the miners go back to work. It is a serious matter to run a place through the dull season and then have to choose between paying an advanced price for all or part of your coal or taking the risk of not getting it at all.

Notes.

On Monday, October 1st, Mr. Mingey, takes charge of Holy Cross cemetery at Darby.

On Tuesday, the 2nd, Mr. Kift repeats his convention lecture with magic lantern slides in Horticultural Hall.

On Wednesday, the 3rd, the entire stock of the Stoke Pogis Nurseries on the Phillips estate, near Haverford, will be offered at auction. PHIL.

NEPHROLEPIS WITTBOLDII.

The accompanying engraving from a photograph of fronds of this new fern and the Boston fern side by side shows quite distinctly the difference in the character of the two, the habit being practically the same. The undulated margins of the pinnae of the fronds of Wittboldii add very materially to its decorative value and the greater breadth of the frond makes the plant look very full and well furnished.

N. Wittboldii originated with the Geo. Wittbold Co., Chicago, who will introduce it.

ST. LOUIS.

The Market.

Business in the cut flower line can hardly be called good just now. The unsettled weather of late has a great deal to do with it. But take it in general the business has improved some.

This week will, no doubt, be much better owing to Fair week, and our annual Veiled Prophets' ball, which always calls for a lot of extra choice stock and especially American Beauties, so from this on we can expect the trade to improve steadily each week.

Some of our chrysanthemum growers report that the buds on Glory of Pacific, Bergmann and other early varieties are rapidly maturing and the chances are good for blooms by the 15th. Carnation growers are done with their work of housing and all say that their stock is in first class condition and especially so with all the new varieties. Roses at the different places are looking their best, all speak well of the Liberty and expect great things from this rose this winter.

The rose stock of the past week was quite plentiful, especially so with Bridesmaids. It looks as if more of this variety is grown than of the others, or it may be that the demand is not so good for this rose. Some very fair Maids can be bought for $1 per 100 and much cheaper in 1000 lots. Of course this is not choice stock; the choice ones bring from $3 to $5. The same can be said of Meteor, Brides, Kaiserin and Golden Gate, only that they are not so plentiful. Beauties have been quite plentiful and some very good long-stemmed flowers can be had for $1 to $2 per dozen. Short stemmed ones can be had for 50 cents per dozen. Carnations are selling well and are better in quality. White still have the call. Scott, Daybreak and reds are having better calls than for some time; prices range from 75 cents to $1.50 per 100. Asters have been very plentiful the past week, the whites selling well, but the colored stuff went to the dump pile. The flowers were very good, but the stems were too short. Most of them were shipped from the East. A few good valley came in last week and sold for $3. Tuberose stalks are still selling well. Smilax, adiantum and asparagus are selling fairly well.

Various Notes.

The big St. Louis Fair opened this morning and the floral exhibits are fine. The principal exhibitors are Wm. Schray, C. Young & Sons Co., and Ellison & Tesson. The exhibits will be judged by Thursday, on which day the cut flowers will be on exhibition. The awards will appear in full in the next issue of The Review.

The decorations for the Veiled Prophets' ball at the Chamber of Commerce were more elaborate than ever. The large fountain in the center of the hall was banked up with palms and foliage plants interspersed with blooming plants. Plants could be seen everywhere in the immense corridors. Up the stairway a large Latania was placed on each newel post. Wild smilax was also freely used and it can be safely said that the hall never looked better than this year. The work was done by the Riessen Floral Co., assisted by the Beyer Bros., who furnished the plants. The work began Monday and they had until 4 p. m. Tuesday to finish up.

Fred Weber, Jr., left Thursday night for Cromwell, Conn., to enter the employ of A. N. Pierson. We wish you well, Freddy, in your new undertaking.

Mr. and Mrs. Henry Berning have returned from their bridal trip. They will be at home to their friends at 114½ South 14th street.

J. F. Ammann, of Edwardsville, Ill., is sending in a fine cut of American Beauties. His other roses also are among the best that come to this market.

The stock of John Stiedel's at Central, is reported to be in very fine condition and he will soon be sending in an abundance of fine stock to this market.

The Kirkwood florists are about through housing and will soon be sending in good choice carnations, for which they are noted. Carnations and violets are the only flowers grown by them.

John M. Hudson is now with Fred Foster, looking after the branch store at 510 Olive street.

It is really gratifying to note that the Chicago Florists' Club has followed the good example set by the trustees of the St. Louis Florists' Club by having two essays read at each meeting of the club. The essays, as laid out by the Chicago boys, will be very instructive to its members. As Wm. Scott says in the last issue, "It is just what we all should do and what we are organized for?"

Henry Brooks, superintendent, and Max G. Kern, head-gardener, are about through cleaning and beautifying the Chain of Rocks Park, and when completed St. Louis will have added to its park system 29.76 acres, making the total area of 3,204.67 acres.

A visit to Frank Fillmore's place Sunday, in company with Messrs. Scott and Kuehn, found him busy reading The Review, his usual Sunday reading. Mr. Fillmore showed us through his well kept place, and his stock of roses and carnations are in first class shape, the houses being newly painted.

Frank has added to his big four, Golden Gate, Liberty and a few American Beauties. His Flora Hill carnations are looking fine as so are the Marquis, White Cloud, Crocker and the others. For a modern and well-kept place one should copy Mr. Fillmore's place.

Mrs. Fillmore has returned from Chicago much improved in health.

Walter Krauswick has bought the Old Orchard greenhouses at Old Orchard, Mo. Mr. Krauswick will grow cut flowers for the market and expects to have a good crop of roses and carnations for this winter.

Bowling.

The bowling club had a very poor attendance last night and only four were on hand when the rolling started. Mr. W. W. Scott of Chicago came down to help us and swell the attendance. Charlie Kuehn did not get down to true form until the last two games, the last one was a fine game of 237, next highest by Beneke 218.

After this week, which will be a very busy one for the boys, they will attend regularly and then we will talk of accepting the offer to roll the Chicago boys for that cup they won at New York. Ed. Winterson please take notice.

The scores where as follows:

	1	2	3	4	5	6	7	8	Tot	Av
Kuehn	136	150	129	166	166	134	185	237	1303	163
Beneke	137	114	178	218	154	169	165	132	1267	158
Weber	142	127	156	136	125	120	...	...	806	134
Young	85	147	79	145	...	...	...	...	456	114
Scott	97	111	78	102	81	111	...	...	580	97

J. J. B.

CONNECTICUT HORT. SOCIETY.

The September exhibition of the Connecticut Horticultural Society, consisting of flowers, vegetables, and fruits, was held in Cheney Hall, South Manchester, Conn., Sept. 11, 12 and 13.

Dahlias were the chief attraction, and well they deserved it. The many beautiful varieties of dahlias, especially in the cactus class, place them nearly on a par with the chrysanthemum as an exhibition flower. They keep well, are easily arranged in attractive groups and forms, delight the eye with their many colors, and, last but not least, they appeal to flower lovers as a form of nature's beauty that can be had in its perfection through the aid of trowel and sunbonnet—not requiring a greenhouse nor a ready tongue which can reel off all the Latin names of varieties unknown to the uninitiated.

Well, as to dahlias, they were there in all shapes, sizes, and colors. The show dahlias were numerous, but their inferior form was judiciously hid by the many cactus and decorative varieties placed among them.

Few flowers have their wide range of color and delicate tints.

A. D. Livoni is certainly a fine variety, the deep pink of its small flowers contrasts well with other kinds. A very handsome velvety black or (nearly so) is Night, and, if a good grower, should become very popular. Col. Wilson is another fine one of recent introduction. St. Catherine, Capstan, Miss Webster, Dr. Jameson, Magnificent, Hercules, Fusilier, Keyner's White (one of the best), were among the many newer kinds shown, while Mrs. Peart, A. D. Livoni, Zulu, Dr. J. P. Kirtland, Ruby, Delicata, Nymphaea, Harmony, Wm. Agnew, Mrs. Violet Morgan, Mrs. Thornton, John Roach, Mrs. F. Fell, Mary Hillier, Grand Duke Alexis, were older acquaintances.

There were many pompons shown, some beautiful varieties among them, but they were put in the shade by the more pretentious flowers. Single dahlias should have especial care when shipped from any distance, for exhibition. There does not seem to be the substance in them to withstand the amount of handling they generally get.

Lothrop & Higgins of East Bridgewater, and H. F. Burt of Taunton, Mass., were the largest exhibitors, their thousands of blooms testifying to the very large stock these dealers carry. John Lewis Childs, of Floral Park, N. Y., sent a fine exhibit of gladiolus Childsi and Lemoinei which were greatly admired. Dealers who specialize some particular flower as they do would find a very good advertisement in sending choice samples of their flowers to the leading exhibitions.

The sweet peas were quite numerous for so late in the season, but showed the effects of the hot summer. Navy Blue holds to the high position given it last year. It is certainly a beauty, and the Burpee Co. is to be congratulated upon this addition to the already long list of very fine varieties introduced by that firm.

Some very fine celery was shown, also monster egg plant. Melons, peaches in great variety, including several seedlings of merit, apples, pears, plums, and other fruits made a tempting display. Several branches bearing red raspberries of unusually fine appearance were exhibited. These were seedlings raised by Joseph Albiston, South Manchester, and tasted as good as they looked.

Kochia scoparia, a fine looking plant, similar in foliage to the ericas, was new to many. This should make a good effect with cannas and pennisetum, especially P. rupellianum, as the bright red tops and finely divided foliage contrast well with these plants.

On the whole, it was a good exhibition, but not very well attended. This, however, is the complaint from all directions. R.

ST. PAUL.

Various Items.

Cooler weather prevails now, though no killing frost has visited us yet. Trade is increasing daily and the supply of good stock is about equal to the demand. Weddings are quite numerous while funeral work seems to be ever increasing.

Golden Gate rose has made its appearance in the stores here, but is not popular with flower buyers. For design work it is superb. On the other hand, in Minneapolis, this rose leads all others, so I am informed by one of the leading store men. Liberty is seen in limited quantities and is a ready seller, but is so far disappointing to the growers on account of its weak stem and scarcity of blooms, but we will not condemn it till it has been thoroughly tried the entire season. Lady Dorothy is on its second season here and is pronounced by all to be first class and profitable both to the grower and to the retailer. American Beauties are again in demand with hardly enough being grown to supply the trade here.

Carnations are in great demand and appear to be gaining in popularity each season. Crane has supplanted Jubilee to a great extent and is the most popular scarlet yet introduced in this section. Triumph, Victor and Argyle are being planted quite extensively, while Daybreak retains its popularity and is grown by every one. In the line of whites Flora Hill and White Cloud are about the only varieties grown. Evelina is still planted by some and in some soils seems very productive. Bradt and its red sport are found in nearly every collection.

Outside stock is about gone, though some good asters are still being cut.

The plants at the city parks are still blossoming, some of them being a blaze of glory, notably, zinnias, rudbeckia, cannas, petunias and pansies. In the ponds, Victoria Regia and Randi are still opening their big ball-like buds, while the leaves on the

trees are as green as in June. All this speaks volumes for the climate of the great North Star state.

Robt. Brown, formerly manager for E. Hippard, Youngstown, Ohio, has accepted the position of foreman for L. L. May & Co.

Dame Rumor reports that another large department store in Minneapolis will soon engage in the florist business, erecting a range of houses in the near future.

The Society of Minnesota Florists seems to have died a natural death, as nothing has been heard of it in a long time.

A. H. Bunde has erected two new houses this season. We understand that A. S. Swanson has also built three new houses, but we have not learned particulars.

John Nilsen, in business for several years near Ft. Snelling, has sold his houses to Haugen & Swanson, who formerly rented the Lemke houses, on Hague avenue, near Snelling. E. F. Lemke will run these houses this season.

L. L. May & Co. are displaying a nice collection of Holland and French bulbs and have their conservatory well filled with palms for fall and winter sales.

Mums have made their appearance in limited quantities, but the main crop will not be in for some time.

S. B. Dicks, representing Cooper, Taber & Co., and J. B. Comont, with Carter Dunnett & Beale, were recent callers on the seed trade. X. Y. Z.

PITTSBURG.

Various Items.

Cut flower trade seems to be picking up gradually. The stores and markets did a fair business last week.

J. B. Murdock has a fine storeroom now, with new front, paint and tiling.

Thos. Ulam & Co. have made a neat store and gained room by making alterations and putting in a new icebox.

Breitenstein & Flemm's place looks neat and clean with new paint and other improvements.

The Ludwig firm in Allegheny Market made quite a show with asters, gladiolus, cosmos, etc.

The son of Robert Faulk, of Allegheny Market, who has been ill with typhoid fever is improving rapidly.

Roses are coming in better now as we are having cooler weather.

A few Liberty can be seen at the Pittsburg Cut Flower Co.

Carnations are not plentiful yet and a good many of them are short in stem. The growers report a good deal of stemrot in the Marquis carnations. Plants out of field sold well this year. A good many orders could not be filled by the local growers. The plants averaged smaller this year on account of the dry summer.

C. Blind, West View, has planted his two new houses with chrysanthemums.

J. F. Gibbs has been building at Woodville.

Burki, at Bellevue, has cut out his crop of Lady Fitzwygram, which were better than ever and about the only ones about here in quantity. Pacific, Bergmann and Merry Monarch will be in in another week. BAER.

THE "OLD SOLDIERS."

Editor Florists' Review: It seems that Bro. Scott has formed rather a poor opinion of "Old Soldiers" from the remarks he makes in his reply to the inquiry of L. H. R. in "Review" of Sept. 27, page 496. He says: "I have known retired generals and colonels to have a taste for gardening and keep a gardener, but this is a true case of the sword and bayonet being turned into the pruning hook and garden trowel. I don't ever remember an old soldier taking to gardening. Their occupation is destructive; the gardener's productive."

Does Bro. Scott think that the hundreds of thousands of true American citizens that took up arms to protect this glorious Union had no other propensities save that of destructiveness and bloodshed, or does he suppose they lost their better qualities of refinement and love for the "beautiful" in nature by a few years' service as private soldiers in the glorious work of saving the honor and beauty of our star spangled banner?

I, too, am an "old soldier" (a private), and now a florist and fancier, caring very tenderly for fine plants, flowers and pets. E. S. Nixon, who was a successful florist for 25 years in Chattanooga, Tenn. (now deceased), was an "old soldier" (a private), and there are thousands of other "old soldiers" (privates), who after their glorious service returned to their happy homes and took up the "pruning hook" and "garden trowel," and became calm and peaceable tillers of the soil, watching with tender delight the germinating of the seed, the swelling of the bud, the expanding of the flower and perfecting of the fruit. Thousands of other "old soldiers" (privates) have become cultivators and trainers of the young and tender minds of the rising generations of America.

Bro. Scott, get acquainted with the "Old Soldiers." C. O. HUNT.

St. Elmo (suburb of Chattanooga), Tenn.

[We feel sure our correspondent has misinterpreted Mr. Scott's remarks. We could not see that any reflection was cast upon the old soldiers. And there are soldiers and soldiers. The volunteer who freely offers his services in behalf of his country when the life of the latter is endangered is unquestionably entitled to all possible honor. But such a soldier as Napoleon, who drenched the soil of Europe with the blood of the people for the furtherance of his own ambitions should receive execration instead of the adulation poured upon him and his achievements. While we may admire his military genius, just as we may admire the nerve and dash of the highwayman, we should not overlook the fact that the wars he waged were to feed the fires of his ambition and for no good purpose. And he is a type of soldier that has existed since the human race began. But the conditions that made Napoleon's career possible have happily passed away. "The higher and broader education" of the people mentioned by Mr. Scott would make impossible the repetition of such a life of bloodshed. Ed.]

PEORIA, ILL.

This is Corn Carnival week in Peoria and a little livening up of the business is looked for.

A run through the various establishments finds stock looking well. I noted several houses of well grown Boston ferns at Geo. Kuhl's, at Pekin. They were very stocky and have a rich, dark foliage, being also in azalea pots, which is an advantage. His roses looked exquisite, especially one house of Perles. He has 10,000 cuttings of Liberty in the propagating bed, and they are growing the usual amount of other rose cutting stock this winter.

Cole Bros. are cutting some very fine Beauties and report their intention of putting up shortly 25,000 ft. of glass for roses to supply their increasing demand.

C. Loveridge is cutting the best roses seen here, from his second year plants.

There are prospects for good violets. J. C. Murray is picking some very fair Princess of Wales.

Mums are very late this year and it will be some time before they will be seen around.

Mr. Kuhl arrived home from Dakota looking very well and finds the change beneficial.

F. Lockyear is in town and is looking for a place to open up a flower store. J. R.

CATALOGUES RECEIVED.

J. H. H. Boyd, Gage, Tenn., wholesale price list of tree and shrub seeds and seedlings; Phoenix Nursery Co., Bloomington, Ill., price list of trees, plants, shrubs, etc.; H. P. Kelsey, Boston, Mass., Kelsey's list of hardy American plants and Caroline mountain flowers; S. Wilks Mfg. Co., 53 So. Clinton St., Chicago, water heaters, steam generators and steel tanks; Pinehurst Nurseries, Pinehurst, N. C., pamphlet telling "How to Make Tree Seeds Grow," also trade list of woody and herbaceous plants and other ornamentals; Ellwanger & Barry, Rochester, N. Y., catalogue of Holland bulbs, roses and specialties for fall planting; Jos. Bancroft & Son, Cedar Falls, Ia., fall catalogue of plants and bulbs.

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time. N. ZWEIFEL.
Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florists' business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours, COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Supt.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

THE FLORISTS' MANUAL...
By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A COMPLETE REFERENCE BOOK FOR COMMERCIAL FLORISTS

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

DENVER, COLO.

Trade and News Items.

A cold night or two the past week has shortened up the supply considerably. More particularly was this noticed when the stores were busy with funeral work. Dahlias helped out though, and are now at their best. Good teas are yet scarce, but Beauties are in fair supply and find ready sale.

Maler & Denkworth were first in with violets, but as yet they are a little small, still a great many are sold.

The Park Floral Co. began to cut mums two weeks ago, Fitzwygram being the variety. They also had some fair pot plants of the same which sold well. This firm is well up on mums, both in cut flowers and pot plants. In the latter they have some very neat pans which ought to go off fast when in flower.

On Wednesday and Thursday of this week we are to have the Horse Show which should naturally help the trade.

Mr. Niel Jakobsen, who has been with Mrs. R. Mauff at her Harmon greenhouses for a few weeks, has resigned to take a position in Chicago. Too bad to lose "Jak" as he was a good bowler as well as a "good fellow." We figured on him for next year as "Jak" as well as five others were surely going—fifty-two weeks in advance.

The Florists' Club held a meeting on Friday, Sept. 21st, and was the largest attended since its organization. The members take a lively interest in the forthcoming show and it will be no fault of theirs if the show is not a success. Mr. Davis re-read his paper on "What can be done to help the trade in Colorado," and a discussion followed. The club is acting wisely in giving these monthly papers, for it draws out the crowd and creates interest generally.

ROCKY.

Bowling.

The following scores were made by the Denver bowling club, September 25.

	1	2	3	4	Av.
Phil Scott	198	207	196	193	198
Neil Jakobsen	179	168	200	173	178
Ben Roldt	186	138	188	171	170
Jno. Berry	131	179	198	159	166
Geo. Zimmer	144	94	232	142	153
Chas. Frantz	129	162	140	181	153
C. J. Thiess	175	125	146	124	142
J. A. Valentine	...	123	128	136	129
M. A. Benson	161	153	115	132	127
C. A. Benson	143	57	107	86	98

C. J. T.

TARRYTOWN, N Y.

Meeting of Tarrytown Hort. Society.

The Tarrytown Horticultural Society held its monthly meeting Sept. 27th.

F. R. Pierson Co. put up a grand display of dahlias comprising seventeen varieties, which was awarded a certificate of merit. They also showed three vases of cannas, Rosemawr, Kate Grey and Tarrytown, the two former kinds were awarded certificates of merit.

Wm. Turner showed seven varieties of dahlias, the colors being excellent.

John Egan was awarded a certificate of merit for his new seedling canna. The color of the flower is orange-scarlet, the foliage dark bronze. It is a valuable addition to the canna family. Mr. Egan also put up a vase of Dahlia Camelliaeflora.

The exhibit created considerable discussion on dahlia culture.

The following were elected to membership: Alex. Hoag, E. Hansen, F. S. Pammer, Chas. Briggs, Wm. P. Ross and Chas. Robinson.

R. ANGUS.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED — A young man to assist in a first class floral store; must be a fair salesman and make himself useful in general about the store; state references and wages. Address Cincinnati, care of Florists' Review.

WANTED — Assistant rose grower. John Brod, Niles Centre, Ill.

WANTED — First-class rose grower, familiar with growing American Beauties; only A1 party desired; good position for right man who can furnish references from good growers; position, work under superintendent. Apply at once, Lakeview Rose Gardens, Jamestown, N. Y.

WANTED—Competent and experienced decorator; also maker-up. Address, with reference, salary and full particulars, Z. D. Blackistone, 14th and H Sts., N. W., Washington, D. C.

FOR SALE—One 15 h. p. 3-inch return flue boiler, for steam or hot water; patent shaking grate and self-feed; also one return bend, 1½-in pipe coil boiler; will heat 1600 feet of 1¼-in. pipe with ease; both in first-class condition guaranteed. Address Geo. Stafflinger, Springville, N. Y.

WANTED—Man with small capital to take half interest in greenhouse; no competition. Address Walter Bollet, Ponco City, O. T.

WANTED—To correspond with some good reliable man that wants a good job, who has had experience as market gardener and greenhouse work; a good place for the right man, single or married. Address Box 442, Rockville, Ind.

SITUATION WANTED—By practical man, age 30, single, as gardener in private place, park or cemetery. Competent to take charge. Address Trebor, care Florists' Review.

WANTED—First-class grower for general stock; man capable of taking full charge of place. Address or call Chas. W. McKellar, 47 Wabash av., Chicago.

SITUATION WANTED—By experienced rose and carnation grower; capable of taking charge; single; references. Address X. Y., care Florists' Review.

SITUATION WANTED—Experienced gardener and florist, age 27, English, to take charge or assist; private place preferred. Address W. T., care Florists' Review.

CHANCE OF A LIFE-TIME!

Two new houses, every modern improvement, 20 000 square feet of ground; location unsurpassed; houses now planted; roses, carnations, mums, smilax, asparagus, etc; heavy, well-established cash trade; no competition; rigid investigation solicited. Cost $4,000; price $2,000. Terms, $1,000 cash, balance 5 years at 6 per cent on property. Illness compels sale. Don't write unless you mean business. For full particulars address

W. M., care Florists' Review.

SITUATION WANTED—As gardener or fireman; twelve years' experience; best of references; married. P. D. M., 294 Pequonnock st., Bridgeport, Conn.

FOR SALE—Some extra good second-hand 3 inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H Salter, Rochester, N. Y.

FOR SALE. Bars, rafters, headers, in good condition, for greenhouse 12x120 ft.; 980 feet ¾, 1, 1¼ and 2-inch pipe; for condition I refer to Mr. J. J. Connelly, florist, Bryn Mawr, Pa.; will sell for $50.

H. MILLINGAR,
Merchantville, N. J.

WANTED Single man to do all kinds of greenhouse work in a place of 20,000 sq ft. of glass; state wages wanted and references. Address The Morris Floral Co., Morris, Ill.

FOREMAN WANTED

For Range of 175,000 square feet of glass.

Must be a man of unquestioned ability and character, and an up-to-date grower, accustomed to handling men where roses, carnations, mums, palms, ferns, bulbous and bedding stock is grown. Permanent position for right party.

J. F. WILCOX, Council Bluffs, Ia.

FOR SALE OR RENT

Greenhouse, 5000 feet of glass, steam heating. Market Garden, Ten Acres; six-room Dwelling, Barn, etc., adjoining thriving town of 3,000, on St. Joe and Grand Island Ry.

H. SCHMALZL, Marysville, Kans.

FOR SALE. THE McKellar Floral Establishment AT CHILLICOTHE, OHIO.

Consisting of 1.16 acres land, located inside the city limits, on which are located thirteen greenhouses, all in first-class condition, and well stocked with roses, carnations, palms and general line of potted plants of all kinds. Natural gas fuel, steam heating apparatus throughout; four acres additional adjoining property if more required; divided to suit. Business established over forty years. This is the best floral establishment in southern Ohio. Population of Chillicothe is 15,000. For further particulars address

SILAS F. GARRETT, Executor, Chillicothe, Ohio, or CHAS. W. McKELLAR, 47 Wabash Ave., Chicago.

VIOLETS WANTED

I want to arrange with some good grower for a regular supply of violets for the season. Want 1,000 every day except Saturday, and 2,500 on Saturday. Only finest quality stock considered. Cash settlement every 15 days. If you can supply the stock wanted, delivered to my store in Chicago, address for further details,

M. A. X., care Florists' Review.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

SAMUEL S. PENNOCK. Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

KANSAS CITY, MO.

Various Items.

The long spell of hot weather seems to have come to an abrupt termination, and a drop in temperature a week ago of 30 degrees was most welcome. The quality of indoor stock shows a decided improvement in every respect and prospects good for a big supply.

While trade this month may be called satisfactory, yet in extent of volume is not as large as September a year ago. A visit from the democratic nominee for the presidency on the 18th inst. created an active demand for palms, which were used at the different club rooms. His apartments at the Baltimore Hotel were also decorated with palms and American Beauties. Arthur Newell thinks his devotion to the democratic party secured him the order.

The society columns of our local papers are full of wedding announcements and other coming social events, and the florists anticipate a prosperous business the coming season.

Willie Rock seems to be strictly in it, in this exacting line of the florist's art. An elaborate wedding decoration was beautifully executed by him last week at one of our private hotels. Palms, southern smilax, white asters and pink roses, and moss making a pretty combination. For the bride a shower boquet was made of valley, Sprengeri and ferns finished off with small ribbon ties and was away beyond the ordinary. Mr. Rock is now thoroughly established and has gone to considerable expense and exertion to educate the public to a high grade of work since his residence in Kansas City.

The writer called on Albert Barbe recently to get an introduction to the Liberty rose, which is now producing some very fair blooms. The qualifications of this rose will be thoroughly tested the coming winter and if a success may supplant the Meteor in this market. Mr. Barbe is to be congratulated on the thriftiness of his young stock, all of which shows excellent care and freedom from insects, which he attributes to the superior brand of tobacco smoked by Patsy McAniff, in charge.

H. J. Millatt has rented a store at 406 East 9th street and will be open for business Oct. 1st. The location is two blocks east of the government building and principal business streets, and he expects to draw considerable patronage from several fashionable boarding houses, a conservatory of music and an undertaking establishment.

Visitors during the past week next in distinction to Mr. William Jennings Bryan, were Walter Mott and Paul Berkowitz, of Philadelphia, and C. W. Scott, of Chicago.

Miss Ella Kellogg is home from a six weeks' vacation in Colorado, where she has been visiting relatives.

H. J. M.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

DO YOU WANT THEM?

We have 1000 Perles,
2000 Maids,
500 Meteors,

All fine stock, to close out. Make us an offer, for we must have the room. Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., $4.00 per 100; 4-in., $8.00 per 100.

Chinese Primroses. Red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.

Cinerarias. Prize strain, 2-in., $2.00 per 100.

Geraniums. S A. Nutt Giant, La Favorite and Pink, large plants, full of cuttings for stock, $5.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

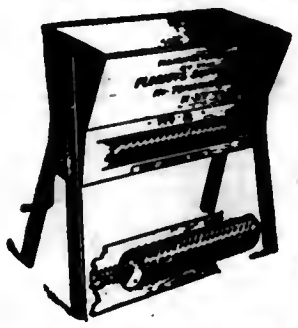
GERANIUMS.. BARGAIN.... TO MAKE ROOM

Only 2,000 left. Mme. Bruant, La Favorite, B. Poitevine, S A. Nutt, Marvel, Mrs. E. G. Hill, Heteranthe, Contraste, W. H. Bailey and others. All clean, strong and healthy stock. $2.00 per 100, $18.00 per 1000, or the entire lot for $30.00. All 2¼-in. pots.

W. E. HALL, CLYDE, OHIO.

Mention The Review when you write.

HUNDREDS of Florists are using our Pulverizers. You can regulate it.



Send for list of testimonials.

Patent allowed February 27, 1900.

No. 1, $5.00;
No. 2, $10.00;
No. 3, $20.00

THE FLORISTS' SUPPLY CO.,
North Tonawanda, N. Y

Mention The Review when you write.

MUST HAVE ROOM

For 25,000 Geranium Cuttings that are ready to pot up in ten days. So must close out our

Rose stock at once at less than half value up to the 15th of October. Brides, Meteor, Maids, Golden Gate, Perle, 3 and 3½-in. pots, 12 to 18-in. high, full of buds, except Perle, which are out of 2½-in., but fine thrifty plants, all for $2.50 per 100, $20.00 per 1000. 250 at 1000 rate. This price only holds good until the 15th of October.

Carnations. Lizzie McGowan, Flora Hill and Pingree. Strong fine plants in bud and bloom, $3.00 per 100. These plants were made from prize stock and are guaranteed A No. 1 and satisfactory.

CASH WITH ORDER.

.....IN SIGHT.....

The largest and choicest stock of Geraniums, Dbl. Fringed Petunias, Mammoth Verbenas, New Ageratums, etc., etc., to offer soon.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

Mention The Review when you write.

Floral Fancies, Language of Flowers, TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

Mention The Review when you write.

VIOLETS from pots, A 1. stock, free from disease. Lady Campbell, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in. pots, $4.00 per 100; $35.00 per 1000. Field-grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Roses—Meteors, Perles, Maids and Brides, extra fine stock, 3-inch, $3.00 per 100; $20.00 per 1000.

A bargain on Carnations, such as White Cloud, Flora Hill, New York, etc. Let us figure on your order.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

HOLLY. Finest Quality. Any Quantity.

Write for prices delivered at your door.

CALDWELL THE WOODSMAN CO, Inc. Evergreen, Ala.

Mention The Review when you write.

MOUNT VERNON, N. Y.—Oscar Oehmler, Jr., the eighteen-months' old baby son of Mr. O. A. C. Oehmler, manager for Aldred & Co., the florists of New York City, died September 23 at the home here, as the result of drinking a phial of carbolic acid which he found within reach and took as a plaything. Mr. and Mrs. Oehmler have the heartfelt sympathy of a host of friends in their terrible affliction.

EAST WILLIAMSBURGH, L. I., Sept. 25.—Jacob Gerlinger, one of the best known residents of this place, and a prosperous florist, has been missing from his home since September 8, and the police were today asked to ascertain his whereabouts. On the day he left home he had a dispute with his brother, and going into the room where his mother was, he bid her an affectionate good by, and told her he was going away.

MUSCATINE, IA.—Joseph Kranz has established a down town retail sales place on Iowa avenue and proposes to develop his business all around. The stock in his greenhouses is in fine condition.

ALBANY, N. Y.—The will of the late Louis Menand has been admitted to probate. The estate amounts to about $50,000 and is divided among the children of the deceased.

WOOSTER, O.—Some small additions are to be made to the greenhouses at the Experiment Station here. Bids for the work will be opened October 26.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Liberty 12 plants for.....$7.20
25 " " 12.50
50 " " 15.00
100 " " 28.00

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

Mention The Review when you write.

VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.
CAULIFLOWER H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

JOSEPH HEACOCK, WYNCOTE, PA.

Offers the following

Home-Grown PALMS.

FREE FROM INSECTS AND DISEASE OF ANY KIND.

They cannot fail to give satisfaction. Should be seen to be appreciated.
A trial order is solicited.

ARECA LUTESCENS.

3 plants	6-inch pot	24-inch	$12.00 per doz.;	$100.00 per 100
3 "	8 "	30 "	30.00 "	
3 "	8 "	36 "	36.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
6 "	6 to 7 "	26 "	18.00 "	150.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each.	
8 "	7 to 8 "	36 inches high	4.00 "	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
8 "	6 "	36 to 40 inches high	3.00 each;	36.00 per doz.
8 "	6 "	48 to 50 "	4.00 "	48.00 "

All Measurements are from Top of Pot.

Mention The Review when you write.

100,000 GERANIUMS ROOTED CUTTINGS...

SEND FOR LIST AND PRICES.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Baby Primrose, 2¼-in.	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " " (white)	2.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings, $10.00 per 1000	1.25
Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.	

Will exchange for Carnation Plants.

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

Burpee's Seeds Grow

HedgePlants

Evergreen { Hemlock Spruce, Norway Spruce, American Arbor Vitae.

Deciduous { California Privet, Osage Orange, Berberis Thunbergii, Altheas, etc.

Various sizes at popular prices.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

Mention The Review when you write.

JARDINIERE FERNS

Elegant stock,
$3.00 per 100; $25.00 per 1000.

Roses for the South. Varieties most adapted for southern planting. Just the thing you want. Stock A No. 1. Write for Price List.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

Mention The Review when you write.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Studer Pays Freight

on a **sample order** of my excellent stock of

PALMS, FERNS and other DECORATIVE PLANTS. Send for Price List.

N. STUDER, Anacostia, D. C.

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

M. H. Walsh, of Woods Holl, Mass., registers new rose "Flush o' Dawn." Hybrid tea, flowers light pink changing to white, fragrant, 5 to 6 inches in diameter when open. Vigorous grower, stems two and one-half to three feet; foliage dark and glossy; continuous bloomer.

W. Atlee Burpee & Co., Philadelphia, Pa., register the following new dahlias:

Salmon Queen (Peacock), December. Height three and one-half feet, bushy grower; flowers large, salmon, deepening to orange salmon towards center; petals long-pointed.

Harlequin (Bassett), fancy. Dwarf, branching, with long slender stems; height, two feet; flowers small to medium, crimson with white stripe through each petal; stripe sometimes suffused with pink; flowers occasionally solid crimson.

Gustav Obermeyer, Parkersburg, W. Va., registers new canna, "West Virginia," a seedling of Queen Charlotte, color of Gloriosa with narrower yellow band. Full spike and very dwarf.

WM. J. STEWART, Secretary.

OTTUMWA, IA.

Mr. C. Kranz has changed his range of 17,000 ft. glass from vegetable stock to the growing of cut flowers. He has one 100-foot house of fine mums, one house of Brides and Maids, one section of Beauties, one house of carnations, one house of bulbs and miscellaneous stock.

He has bought the greenhouses (about 8,000 ft. of glass), stock and retail store of The Teter Floral Co. The houses he is going to move on the east side and add to his range. The retail store is nicely located on Market street.

Mr. Kranz is of the Muscatine stock so well known to all the trade. He has with him for this season his brother, Emil Kranz, who we all know as a fine grower and good manager. He is well pleased with his prospects. Trade has begun to pick up and stock is looking fine.

When Mr. Kranz gets his rebuilding done he will have the first up-to-date plant in Ottumwa, having between 25,000 and 26,000 feet of glass. He has a coal mine (two good veins on his 60 acres of land), good water and dwelling. Coal mining strikes won't knock him out. J. T. W.

TIME AND MONEY.

You can save time by consulting the Review's classified advs. when in want of stock.

You can save money by using the Review's classified advs. when you have stock to offer.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of **Cut Flowers.**
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. **Berning**
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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Carnation Blooms
OF ALL LEADING VARIETIES NOW READY.
CHICAGO CARNATION CO., Joliet, Ill.
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Asters, good	1.00 to 1.50
Valley	4.00 to 5.00
Lilies	12.00 to 15.00
Adiantum	.75
Common Ferns	per 1000, 1.50
Smilax	per doz., $1.25 to 1.50
Asparagus	" 5.00 to 6.00
Ivy	per 100, .50
Leucothoe Sprays	" .75
Galax, Green	per 1000, 1.50

Full line of Field Grown Carnation Plants to offer.

SEEDS AND BULBS.

Freesia, Bermuda, select	per 1000, $ 5.50
" " extra select	" 6.50
Longiflorum, 7 to 9 "	per 100, 10.00
Candidum, extra select	" 5.00
Von Sion Narcissus, extra select	per 1000, 11.50
Paper White " "	" 10.50
Dutch Hyacinths, select, separate colors	per 100, 4.50
Crocus, separate colors	per 1000, 2.50
Tulips, extra fine mixed	" 7 50

Have also fine stock of named Hyacinths and Tulips, all other seasonable bulbs.
Give us your orders. Our prices are right.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Choicest Mixture	.50
Gloxinia Hybridi, Choicest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems, fresh, 200 lbs for	1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100	15.00
Cape Flowers, white, per lb	1.00
" colored, "	1.50
Tissue Paper, manilla, per ream	.50
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastica, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45, 47, 49 Wabash Ave., CHICAGO, ILL.

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In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.

L. B. BRAGUE, Hinsdale, Mass.

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California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	1000
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers $20.00 per 100.

F. LUDEMANN,

Pacific Nursery, SAN FRANCISCO, CAL.

15,000 Extra Fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of Asparagus Plumosus Nanus, out of 2½-in. pots. A few thousands mixed Roses on hand for planting. WRITE FOR PRICES.

GEO. A. KUHL, PEKIN, ILL.

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BENTHEY & CO.,

F. F. BENTHEY, Mgr.

WHOLESALE and COMMISSION FLORISTS,

Consignments Solicited. 41 Randolph St., CHICAGO.

ROSES.

A. Beauties, long	per doz.,	$2.00 to $3.00
" medium	"	1.00 to 1.50
" short	"	.75 to 1.00
Bridesmaids	per 100,	3.00 to 4.00
Perles	"	3.00 to 4.00
Kaiserin	"	4.00 to 6.00
Meteors	"	3.00 to 5.00

CARNATIONS, fancy	per 100,	$1.50 to $2.00
" good quality,	"	1.00
VIOLETS, good single	"	1.00
ORCHIDS, Cattleyas	per doz.,	6.00
VALLEY	per 100,	4.00 to 5.00
SMILAX	"	12.00 to 15.00
ASPARAGUS	per string,	.50 to .75
ADIANTUM	per 100,	.75 to 1.00
WOOD FERNS	per 1000,	1.50

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PALMS

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Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Bronze Galax Leaves

Every leaf guaranteed perfect,

One-Dollar-Twenty-Five per 1000.

Try a sample Fifty for Ten Cents in stamps, delivered Free.

AMERICAN ROSE CO., Washington, D. C.

Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight. I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G. BARROW, Red Level, Ala.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Clematis and Bulbs.

Clematis coccinea, $40 to $45; crispa, $30 to $35	per 1000
Amaryllis formosa	15 "
Milla bifl	10 "
Bessera elegans	11 "
Zephyranthes sulphurea	6 "
Cooperia, two kinds	$2.50 to 4 "
Cacti seed, mix, per lb., $12.	ORDER NOW.

WILLIAM TELL, - - AUSTIN TEXAS.

GRAND RAPIDS, MICH.

The opening of fall trade is being retarded by the present excessively hot weather, business was better last week, due mainly to cool, pleasant weather.

The buds have been kept off the roses, shortening the cut, but the quality of what is cut is good.

Carnations are about equal to the demand, they are coming on slowly, most of them having been but recently planted. Flora Hill maintains her position as the earliest and best white against all comers; White Cloud apparently is too late in coming into bloom to seriously rival Flora, who is the best early fall, spring and summer bloomer, and doing tolerably well all winter. White Cloud being best for midwinter, having a better stem, but it is a cropper. We will have to grow both until displaced by a better. Evelina is blooming finely, it is all right from now on till the 1st of February, when it is off crop until warm weather; it should be fired as soon as off. New York shows up better this season than last, it is much in demand, being brighter than Scott. Crane and Estelle are the best red to date, although Firefly is the best bloomer, but the color is off. Mme. Chapman is still the favorite pink with Daybreak.

Mums are coming strongly into bud and the local crop should be great. Fitzwygram will be the earliest. What a pity it has such scraggy looking foliage.

American Beauties are $1.50 per doz; other roses, 75 cents to $1. Carnations 25 cents per doz. Asters, of which Smith and Cross both have a few good ones, are 20 to 25 cents per doz.

The State Fair opens today. There has been very little interest shown by the florists this season, the premiums offered were totally inadequate before, but to make a bad matter worse, the management tried to cater to the amateurs at the expense of the florists. The few really good premiums offered were cut out entire, and the amounts put into an amateur premium list. There is a florist in immediate charge of this department and it does not reflect any to his credit to antagonize the craft. James Schols, Wm. Cunningham, Henry Smith and Crabb & Hunter do not exhibit this year. The latter have not missed making an exhibit in 17 years until now.

Recent visitors: Walter Mott, of Henry A. Dreer; A. L. Randall, of Chicago; B. Eschner, of M. Rice & Co., Philadelphia. G. F. CRABB.

MENOMINEE, WIS.—L. Zechetto left town recently and his present whereabouts are unknown. W. E. Kuhnle, one of his creditors, has taken possession of the stock in the store, and F. C. Nowack, another creditor, has taken the greenhouse on Main street. The stock will be sold for the benefit of creditors.

RIVER FALLS, WIS.—L. D. White, an old time florist, died September 24 aged 70 years.

CHINESE...PRIMROSES

Only 15,000 Finest Large Flowering Fringed, per 100, $1.75; per 1000, $15.00.
Obconica Grand. Fimbriata and Rosea, per 100, $2.00.

ASPARAGUS. Sprengeri, $3.00 per 100. Plumosus, $4.00 per 100.

PANSY PLANTS. Oct. 15. Large Flowering, 50c per 100, $3 per 1000. **Cash Please.** **JOS. H. CUNNINGHAM,** DELAWARE, OHIO.

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Sago Palms.

Fine stock, **$3.00, $4.00** and **$5.00** per doz. Best stock in the market.

Latania Borbonica.

3-inch, good stock, strong character leaves, **$10.00** per 100.
4-inch, very fine, ready for 6-in. pots, **$20.00** per 100.
5-inch, full character leaves, **$5.00** per doz.
6-inch, fancy stock, **$9.00** per doz.; all clean and in the best of shape.

A Few Fine..... Rubber Plants.

Single stems, 5 to 6 feet high, **$1.00** each; well foliaged down to the pots.

A Few Hundred Cyperus.

3-inch pots, very fine, **$4.00** per 100.

Cape Jessamine.

4-inch, pure white flowers in bloom all the year, **$1.50** per doz.; **$10.00** per 100.

Can ship by freight, well packed, as long as weather permits.

Satisfaction guaranteed. Cash please.

CRITCHELL'S

CINCINNATI, O.

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Asparagus Plumosus Nanus,

Strong plants, from 2½-in. pots, ready for a shift, $5 00 per 100.

BEGONIA REX, fine stock in 3-in. pots ready for a shift, in good assortment, $6.00 per 100.
CYCLAMEN, strong bushy plants in 2½-inch pots, finest strain, three colors, $4.00 per 100.
CHINESE PRIMROSES, Globosa type, best strain grown. Pink and red, 2¼-in. pots, $2.50 per 100; white, pink and red, 3-in. pots, extra strong, $5.00 per 100.
BABY PRIMROSE, extra fine, from 2½-in. pots, ready for shift, $4.00 per 100.
SWEET ALYSSUM, giant white, extra fine for immediate planting from 3-in. pots, $3.00 a 100.
VINCA MAJOR VARIEGATA, very strong field-grown clumps with 6 to 10 long growths, $6.00 per 100.

Nathan Smith & Son, Adrian, Mich.

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PAEONIES.

We have 100 named double varieties, selected for florists' use; all good for cut flowers.

1 each of 100 varieties.....$15.00
1 each of 50 varieties..... 6.00
1 each of 25 varieties..... 3.00

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Indianapolis, Ind.

CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5 00 per 100, or 20 for $1.00. **E. I. RAWLINGS, Quakertown, Pa.**

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Hardy Herbaceous Plants.

Ready to Ship Now. Plant early and let them get established before winter. All atrong individual clumps. Per 100

Achillea The Pearl, 3½-in. pots, very fine	$4.00
Alyssum Saxatile Compacta, field-grown	5.00
Artemisia (wormwood), field-grown	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots	5.00
" Pyramidalis Hybrida, 3½-in. pots	5.00
Anthemis Kelwayi, 3½-in. pots	5.00
Aquilegia Vulgaris, mixed, field-grown	5.00
" " dbl. white, "	6.00
" Chrysantha, "	6.00
" Caerulea, "	7.00
Caryopteris Mastacanthus, 3½-in. pots	4.00
Hardy Chrysanthemums, asst., field-grown	4.00
Coreopsis Lanceolata, 3½-in. pots	4.00
Campanula Pyramidalis, blue or white, field-grown	5.00
Chrysanthemum Uliginosum, field-grown	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, "	4.00
Digitalis Monstrosa, "	5.00
Funkia Subcordata Grandiflora, field-grown	8.00
Lavendula, field-grown	5.00
Lychnis Chalcedonica, field-grown	5.00
Gypsophila Paniculata, "	5.00
Geum Atrosanguineum, "	5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots	4.00
Hemerocallis Flava, field-grown	4.00
" Sieboldii, "	6.00
Hibiscus Crimson Eye, 3½-in. pots	3.00
Iberis Gibraltarica, field-grown	5.00
Japanese Primrose, 3½-in. pots	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, "	5.00
Scabiosa Caucasica, "	6.00
Statice Latifolia, "	7.00
Monarda Didyma, "	5.00

EDWARD B. JACKSON,
Send for price list. **Stamford, Conn.**

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FLOWERING SHRUBS

of the leading popular varieties, ranging from one to three feet in height, and one to four years in age; adapted to all locations.

50,000 **large** Flowering Shrubs from four to seven feet; bushy, symmetrical, fine and thrifty. Excellent for planting new places where immediate effect is desired.

Bargains in these by the quantity, as they occupy land which must be cleared.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

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Hardy Herbaceous Plants

All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $1.00 per 100, $15.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St., HOLLAND, Mich.

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A Fine Lot of Plants

At Low Prices to Close Them Out....

	Per 100
500 Choice Mixed Ferns, 4-in	$ 8.00
20,000 Pansy Plants, giant fancy flowering, ⅙ of new ruffled, per 1000, $4.00.	
5,000 Flowering Begonias 10 choice varieties, 2½-in	1.50
10,000 Geraniums, fine rooted, a mixture of 40 choice varieties, 2½-in	1.50
5,000 Hardy Grass Pinks, assorted 4-in	3.00
1,000 Calla Bulbs, medium sized	5.00
Pansy Seed, giant fancy, 1-6 new ruffled, per oz	4.00
2,000 Field-grown Roses, Bride, Bridesmaid and Perle	5.00
2,000 Stock Plants Geraniums, mixed, field-grown	5.00
1,000 Coleus, named, 10 varieties, field plants	5.00
10,000 Chinese Primulas, in separate colors; blue, white, pink and red, Barnard's strain, strong, 2¼-in	1.50

Estimates given for January delivery of R. C. Carnations of all the leaders—200,000.

THE MORRIS FLORAL CO., Morris, Ill.

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FIELD GROWN PLANTS.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Send for Price List.

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FIELD-GROWN CARNATIONS

Daybreak, Scott, Portia, Silver Spray, Genesee, Cartledge, Jubilee and Triumph, **$5 per 100; $40 per 1000**

FIELD-GROWN VIOLETS,

$5 per 100; **$40** per 1000.

Pot-Grown Violets,

3-inch, **$3** per 100; 4-inch, **$4** per 100.

WM. F. KASTING, 481 Washington Street, BUFFALO, N. Y.

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FIELD-GROWN CARNATION PLANTS.

America, G. H. Crane, Gov. Griggs, Melba, Gen. Maceo, Gen. Gomez, Sandusky.

PRICES ON APPLICATION.

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FOR SALE....

350 Jubilee Carnations, 300 Flora Hill Carnations, 1000 Lady Campbell Violets, $3.00 per 100. All field-grown.

CASH WITH ORDER.

ELI CROSS, Grand Rapids, Mich.

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Field-Grown Carnation Plants.

READY FOR IMMEDIATE SHIPMENT.

	Per 100	Per 1000
Olympia	$12.00	$100.00
The Marquis	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
" second size	5.00	40.00
Gen. Gomez	$5.00	$40.00
Mrs. G. M. Bradt, selected	8.00	75.00
Wm. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent. discount if cash is sent with the order.

THE COTTAGE GARDENS, QUEENS, L. I., N. Y.

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4 Acres Field-Grown Carnation Plants, 120,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE BUTTERCUP G. M. BRADT

$1.50 per doz.; $8.00 per 100.

CRIMSON SPORT ARMAZINDY JUBILEE ELDORADO DAYBREAK WHITE CLOUD MELBA MAUDE ADAMS TRIUMPH

$1.25 per doz.; $6.00 per 100.

McGOWAN L. L. LAMBORN SWEET BRIER METEOR FLORA HILL PORTIA MRS. FISHER ALBERTINI WM. SCOTT DOROTHY SWEET C. A. DANA

$1.00 per doz.; $5.00 per 100.

PANSY PLANTS. Grown from extra choice seed of our own production and not surpassed in variety, size, beauty of coloring or freedom of bloom by any other grown. Price 50c per 100; $4.00 per 1000.

J. L. DILLON, - - BLOOMSBURG, PA.

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FIELD GROWN PLANTS.

Genevieve Lord, the finest of all commercial pink Carnations, fine plants, 1st size, **$12** per 100; 2d size, **$10** per 100.

Olympia	per 100,	**$13.00**
J. Whitcomb Riley	"	12.00
Estelle	"	12.00
G. H. Crane	"	8.00
Daybreak	"	6.00
Flora Hill	"	5.00
Mayor Pingree	"	5.00
Armazindy	"	5.00
100 Wm. Scott	"	5.00
Seedling No 30, fine plants	"	8.00

No. 30 is a bright pink, very free winter bloomer, averaging stems 2 to 3 feet.

H. WEBER & SONS, Oakland, Md.

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For Sale or Exchange

Carnation Plants McGowan, Scott, Portia, Flora Hill at $3.00, or will take Cyclamen and Ferns in exchange.

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MARQUIS

Field-Grown, $10.00 to close.

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Straight or Looped and Pointed.

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MR. THERON PARKER.
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

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THE MODEL PLANT STAKE CO.,

226 North 9th Street,

BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

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FIELD-GROWN CARNATIONS

With Plenty of Roots.

Send for prices on 35 best new and standard varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderii, 2½-in., $4.00 per 100; $35.00 per 1000. 3-in., strong plants, $6.00 per 100. Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

ALYSSUM.

Sweet Alyssum, Giant White, extra fine for immediate planting, from 3-in., $3.00 per 100. N. Smith & Son, Adrian, Mich.

Sweet alyssum, for winter blooming, 2½-in. pots, $2.50 per 100. Cash. A. F. Belcher, Foxboro, Mass.

ARAUCARIAS.

	Each.
Excelsa, 3-inch, nice plants	$0.50
Excelsa, 3½-inch, nice plants	.75
Excelsa, 5-inch, nice plants	1.00
Excelsa, 5-inch, nice plants	1.25

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00. E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

	pot	Doz.	100.
Plumosus Nanus	2-inch	$0.50	$4.00
Plumosus Nanus	3-inch	1.00	8.00
Plumosus Nanus	4-inch	1.50	12.00
Plumosus Nanus	5-inch	2.00	15.00
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	15.00
Sprengeri	6-inch	5.00	
Sprengeri	8-inch	10.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Fine stock, grown cool. Asparagus Sprengeri. From 2½ inch pots, $2.50 per 100; $20.00 per 1000. From 4 in. pots, $1.00 per doz., $8.00 per 100. Asparagus P. Nanus. From 2½ inch pots, $4.00 per 100; $35.00 per 1000. From 4 in. pots, $1.00 per doz., $8.00 per 100. Cash with order. The John A. Doyle Co., Springfield, O.

A. Sprengeri, 6-in. pots, heavy, $4.00 per doz.; $25.00 per 100; 5-in., $2.50 per doz.; $15.00 per 100. Cash with order, or 25 per cent if C O. D. A. Nelson, Box 1450, Paterson, N. J.

10,000 Asparagus Sprengeri from flats at $10.00 per 1000, $1.25 per 100, 25c per doz. prepaid. Send 50c for samples. D. U. Augspurger & Sons, Box 778, Peoria, Ill.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100; $20.00 per 1000. Nice plants from 2½-in. pots. Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kan.

Tenuissimus Nanus, 3-inch, $5.00 per 100; strong, 8½ in., $8 per 100. Jno. G. Elsele, 20th and Ontario Sts., Philadelphia, Pa.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

Sprengeri, 2-in., per 100, $4.00. Fine stock. Cash with order. M. & S. L. Dysinger, 414 E. Porter st., Albion, Mich.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order. A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri, $3.00; A. plumosus, $4.00 per 100. Cash please. Jos. H. Cunningham, Delaware, Ohio.

Sprengeri and Plumosus, 2-in., $5.00; 3-in., $8.00 per 100. Cash with order. Geo. M. Emmans, Newton, N. J.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers. Chris. Hansen, St. Paul, Minn.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

A. plumosus nanus, strong plants, 2½-in., $5.00 per 100. N. Smith & Son, Adrian, Mich.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus all sizes. A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

The Indian Azalea Nurseries, Eug. Vervaet de Vos, Swynaerde, Ghent, Belgium.

Azalea indica. Ask for prices. Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, strong plants from 2¼-in., $15.00, 3½-in., $25.00 per 100. Begonia Gloire de Lorraine nana compacta, strong plants, 2¼-in., $15.00, 3½-in., $27.50 per 100. Begonia Caledonia, the white Lorraine, from 3½-in., plants ready for delivery Nov. 1, $5.00 each. We are the only firm in America offering this fine, new novelty this year. R. & J. Farquhar & Co., 16 and 19 So. Market st., Boston, Mass.

Begonia Rex (rooted cuttings). I have a most beautiful collection of this justly popular pot plant in 25 varieties, at $2.00 per 100, assorted. Paul Mader, East Stroudsburg, Pa.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100. N. Smith & Son, Adrian, Mich.

5,000 flowering begonias, 10 choice varieties, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Rex Begonias, $4.00 per 100. Russell Davis, Xenia, O.

BERRIED PLANTS.

400 Dwarf Solanum, or Jerusalem Cherry, out of field, ready for 4 or 5 inch pots, extra well berried, $8.00 per 100. H. Tice, 390 George St., New Brunswick, N. J.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BOUVARDIAS.

Pink Bouvardia (Rosea Multiflora). Very fine plants from the field, $10.00 per 100. Chas. E. Meehan, Germantown, Phila., Pa.

BULBS.

California grown bulbs. Calla lilies, monster bulbs, $7.00 per 100; 6-in. in circ. at crown, $4.00 per 100, $35.00 per 1000; 5-in., $3.50 per 100, $30.00 per 1000; 4-in., $3.00 per 100 $25.00 per 1000. Narcissus Paper White, $1.00 per 100; $7.50 per 1000. All are strong, healthy bulbs. F. Ludemann, Pacific Nursery, San Francisco, Cal.

R. Van Der Schoot & Son, Wholesale Bulb Growers, Hillegom, Holland. Our bulb stocks, now covering an area of over 150 acres, are at present the largest in Holland. Est. 1830.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 35 Dey St., N. Y.

Forcing bulbs ready.

Hyacinths.	12	100	1000
Early White Roman	$0.25	$1.80	$16.50
Early Blue Roman	.25	1.55	13.75
Early Rose Pink Roman	.25	1.55	12.75
Early Dble. Rose Roman	.25	1.55	12.75
Dutch Hyacinths.	12	100	
Separate colors, 1st size	$0.65	$4.25	
All finest sorts, named	1.00	6.00 to $7	
Dutch Romans or Miniature.			
Named	.45	2.70	
Tulips, in finest forcing sorts, single, double.			
Narcissus (extra size bulbs).	12	100	1000
True giant flowering paper white	$0.15	$0.90	$ 8.00
Daffodil Von Sion.			
Extra double nose	.25	1.80	16.00
Select fine bulbs	.20	1.50	12.00
Calla, Calif. grown, 1¼, 1½-in.	.50	3.50	31.00

Chinese Sacred. Basket 30 bulbs, $1.50. Freesia, Alba, large bulbs, 100, 60c; 1000, $4.50. Freesia, Leichtlinii, pure yellow, 100, $1; 1000, $8. Cyiamen Persicum Giganteum, 5 sorts, separate, doz., $1.20; 100, $8.00. 5 per cent cash discount. Send for our new trade list. Address H. H. BERGER & CO. (Established 1878), 47 Barclay St., New York.

Bulbs now ready. Roman and Dutch hyacinths, narcissus, tulips, etc. Write for wholesale catalogue. J. M. Thornburn & Co., 36 Cortlandt St., New York.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

California grown bulbs. Send for our special trade list. Address California Nursery Co., Niles, California.

French and Dutch bulbs ready to deliver. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calias, 1½ to 1¾ in. diam., $1.25 per doz.; $7.00 per 100. Good & Reese Co., Springfield, Ohio.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1000. McGregor Bros., Springfield, Ohio.

Texas and Mexican bulbs, $2.50 to $15.00 per 1,000. William Tell, Austin, Texas.

1,000 Calla bulbs, medium size, $5.00 per 100. Morris Floral Co., Morris, Ill.

CACTI.

Mamillaria minima, dainty little gems. Echinopsis Eyriesii, fragrant white blossoms. Stapelia grandiflora, hairy star shaped flowers. Aloe arborescens, showiest Aloe in bloom. Haworthia subulata, a speckled beauty. Nice plants, sure to please, $8.00 per 100; $1.00 per doz. Offsets root easily, $2.50 per 100; 35c per doz. George Leaver, P. O. Box 549, Los Angeles, Cal.

CANNAS.

Cannas. Dry roots, ready in November, best named sorts, $15.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CARNATIONS.

Field-grown carnation plants. Per 100:

Genevieve Lord, 1st size, $12.00; 2nd size	$10.00
Olympia	13.00
J. Whitcomb Riley	12.00
Estelle	12.00
G. H. Crane	8.00
Daybreak	6.00
Flora Hill	5.00
Pingree	5.00
Armazindy	5.00
100 W. Scott	5.00

Seedling No. 30, bright pink, very free winter bloomer, fine plants, $8.00 per 100. Send in your order promptly. H. Weber & Sons, Oakland, Md.

Strong, stocky, field-grown plants in fine order. Evelina, Freedom, Dean, J. Young, Jahn's Scarlet, Albertini, etc., $5.00 per 100. Albert H. Brown, Westboro, Mass.

Field-grown plants, ready for immediate shipment.

	Per 100.	Per 1000.
Olympia	$12.00	$100.00
The Marquise	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
Gen. Maceo, second size	5.00	40.00
Gen. Gomez	5.00	40.00
Mrs. G. M. Bradt, selected	8.00	75.00
W. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent discount for cash with order.
The Cottage Gardens, Queens, N. Y.

Field-grown carnations. Large, healthy plants, clean and ready for immediate planting.

	Per 100.	Per 1000.
G. H. Crane	$7.00	$60.00
Triumph	5.00	40.00
Flora Hill	5.00	40.00
White Cloud	5.00	40.00
Jubilee	3.50	30.00
Bon Ton	3.50	30.00
Lizzie McGowan	3.50	30.00
Armazindy	3.50	30.00

WIETOR BROS.,
51 Wabash Ave., Chicago.

Strong, field-grown carnations, healthy stock. America, Gen. Maceo, Mrs. Bradt, 1st size, $8.00 per 100, $70.00 per 1,000; 2nd side, $6.00 per 100; $50.00 per 1,000. Melba, Gen. Gomez, Armazindy, 1st size, $7.00 per 100; $60.00 per 1,000; 2nd size, $5.00 per 100; $45.00 per 1,000. Bon Ton, Joost, Psyche, 1st size, $6.00 per 100; $50.00 per 1000; 2nd size, $5.00 per 100; $45.00 per 1,000. Firefly, New York, Sea Shell, Victor, Cartledge, Alaska, Portia, Lizzie McGowan, Scott, 1st size, $5.00 per 100; $40.00 per 1,000; 2nd size, $4.00 per 100; $35.00 per 1,000. Wood Bros., Fishkill, N. Y.

20,000 extra fine field-grown carnations, Scott, Flora Hill, McGowan, Mrs. F. Joost, Mary Wood, New York, Bon Ton, Albertini, Thos. Cartledge, Argyle, Gold Nugget, Lily Dean, Leslie Paul, Iris Miller, Elsie Ferguson at $6.00 per 100; $50.00 per 1000. Melba, G. H. Crane, $8.00 per 100. The above are all good, strong plants.
Evenden Bros., Williamsport, Pa.

Fine field-grown Carnation plants. McGowan, Scott, Daybreak, Storm King, $4.50 per 100; $40.00 per 1,000. Keller, Albertini, Jahn's Scarlet, Armazindy, Genesee, $5.00 per 100; $45.00 per 1,000. Cash with the order. 250 at 1,000 rate.
James E. Beach, 2019 Park Ave., Bridgeport, Conn.

Field-grown Carnations. Glacier, Evanston, Jubilee, Armazindy, Victor, A. Webb, F. Hill, Daybreak, Dana, Meteor, Morello, Cartledge, McGowan, Bridesmaid, Eldorado, Portia, Jahn's Scarlet, Scott, fancy stock, $5.00; ordinary, $3.00. Cash.
Dana R. Herron, Olean, N. Y.

Carnation plants, field-grown. 1000 each of Wm. Scott, McGowan and Eldorado at $30.00 per 1000. 1000 Flora Hills at $40.00. Cash please. A. B. Campbell, Cochranville, Pa.

Cheap to close out quick. Hill, Scott, Eldorado, White Daybreak and a few plants of other kinds. Write me for what you want. I can use some 1, 1¼ and 2-in. pipe in exchange. My plants are very fine, clean and healthy. W. H. Watson, Lapeer, Mich.

20,000 field-grown carnations, extra large, fine, well-shaped plants. Gold Nugget, Daybreak, Wm. Scott, Rose Queen, McGowan, Jubilee, and Meteor. Write for prices before placing your order.
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Our carnations this year are very fine. They have been grown with the greatest care, free from disease, and packed by our improved system of packing by which we can send them to all parts of the U. S. in perfect condition. For varieties and prices see large adv.
J. L. Dillon, Bloomsburg, Pa.

Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment. Ed. Kirchner, Winona, Minn.

G. H. Crane, the finest of all the scarlets. We have 10,000 extra fine plants for immediate delivery at $8.00 per 100; $75.00 per 1000. Cash with order. S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

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10,000 field-grown Carnations, Scott, Daybreak, Victor, Rose Queen, Tidal Wave. For cash only. Price on application.
F. Schnackenberg, 382 Clarkson St., Flatbush, N. Y.

600 Crane, 1st size, $6.00; 2nd size, $5.00; 200 Joost, 1st size, $4.00; 800 Daybreak, 75 Jas. Dean, $3.50; 400 Pingree, $3.00; 200 White Cloud, $5.00 per 100. Carl Rauth, Springfield, Ill.

Carnation Plants. Scott, McGowan, Daybreak, Portia, Pingree, Eldorado, Crane, America, Maceo, Gomez, Melba, White Cloud. For cash only.
W. C. Goodrich, West Troy, N. Y.

10,000 Carnations. Flora Hill, $4.00 per 100, $35.00 per 1,000. Wm. Scott, $3.00 and $3.50 per 100, $25.00 and $30.00 per 1,000. L. McGowan, $2.50 per 100, $20.00 per 1,000.
C. Humfeld, Clay Center, Kas.

Feld-grown carnations. 1500 Flora Hill, 3000 Lizzie McGowan, 1500 Wm. Scott, 1000 Tidal Wave, $3.00 per 100; $25.00 per 1000. Cash with order.
Chas. Wiffin, Des Plaines, Ill.

10,000 carnation plants to close out. Scott, McGowan, Tidal Wave, Argyle, $2.50 per 100; $20.00 per 1000. The Harms Park Floral Co., Berteau Ave., near Western Ave., Chicago.

1,100 Mrs. Frances Joost, $3.00 per 100; $25.00 for the lot. A few hundred Scotts, nice plants, at $3.00 per 100. Liberal count. Cash with order. Geo. R. Geiger, Nazareth, Pa.

Field-grown carnations. America, Gov. Griggs, G. H. Crane, Melba, Gen. Maceo, Gen. Gomez and Sandusky. Price on application. W. E. Hall, Clyde, Ohio.

To close out our stock of carnation plants we are offering first class Scotts and McGowans at $3.00 per 100. Union St. Greenhouse Co., Geneva, N. Y.

Field-grown carnations. Strong, thrifty plants. 750 Scotts, 100 Daybreaks, 150 Portia, $5.00 per 100. Cash with order. S. M. Harbison, Danville, Ky.

Clean, strong field-grown carnations. 5000 Scott, 4000 McGowan, $3.00 per 100. Cash with order. Alex. Schultz, Phillipsburg, N. J.

Carnations: Flora Hill, White Cloud, Triumph, Daybreak, $5.00 per 100; Crane, America, $6.00 per 100. W. Sabransky, Kenton, O.

Field-grown carnations. Flora Hill, Kohinoor, Tidal Wave, Victor, Albertini, $4.00 per 100. W. D. Chase & Son, New London, Ohio.

McGowan, Flora Hill and Pingree, strong, fine plants in bud and bloom, $3.00 per 100.
South Side Floral Co., Springfield, Ill.

McGowan, Scott, Portia and Flora Hill, $3.00 per 100, or will exchange for cyclamen and ferns. J. C. Murray, Peoria, Ill.

Strong, healthy, field-grown plants of Firefly, Daybreak and Evelina at $4.00 per 100.
L. L. May & Co., St. Paul, Minn.

Extra fine, field-grown carnations. Flora Hill, Scott, Portia at $3.50 per 100. Cash. J. J. Lawrence, St. Marys, Ohio.

Fine field-grown Scott carnations at 2¼c. Special price by the 1000. Write me. H. M. Woundy, New Canaan, Conn.

Joost plants, extra fine, $40.00 per 1000 to close them out. Isaac A. Passmore, Route 7, West Chester, Pa.

Field-grown carnations with plenty of roots. Send for prices.
Geo. Hancock & Son, Grand Haven, Mich.

Field-grown Carnations, Scott and New York. For cash only. Prices on application.
A. von Aesch, Fifth St., Woodside, L. I.

500 field-grown Portia, extra fine, healthy plants, $5.00 per 100.
Mangelsdorf Bros. Co., Atchison, Kan.

A bargain. White Cloud, Flora Hill, New York, etc. Let us figure on your order.
Crabb & Hunter, Grand Rapids, Mich.

Field-grown Gen. Gomez, Mrs. Fisher and Mrs. Joost at $4.00 per 100. Cash with order.
Mrs. F. W. Poore, Haverhill, Mass.

McGowan, field-grown, small size, $2 per 100. Good value.
E. I. Rawlings, Quakertown, Pa.

300 Flora Hill and 350 Jubilee carnations. $3.00 per 100.
Eli Cross, Grand Rapids, Mich.

5,000 Scott Carnations. Field-grown, A No. 1 stock. Write for prices.
John Reck, Bridgeport, Conn.

Field-grown carnation plants. Send for price list. F. Dorner & Sons Co., La Fayette, Ind.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

Field-grown Marquis, $10.00 per 100.
L. E. Marquisee, Syracuse, N. Y.

CHRYSANTHEMUMS.

Mrs. Barr, Silver Wedding, all fine varieties, strong plants, from 2¼-in. pots, $4.00 per 100. Dorothy Devins, Elvena, H. W. Longfellow, H. L. Sunderbruch, Miss Helen Wright, Pitcher & Manda, Pride, B. M. Giroud, J. H. Troy, Mrs. S. Humphreys, Mme. F. Bergmann, Black Hawk, J. H. Woodford, Iora, Mrs. H. Weeks, Maude Adams, Belle of Castlewood, Helen Bloodgood, Marguerite Graham, Minerva, Riverside, T. B. Morse, W. H. Lincoln. Strong plants, from 2¼-in. pots, $2.50 per 100; $20.00 per 1000, for our selection of above varieties.
Wood Bros., Fishkill, N. Y.

Fine field-grown chrysanthemums, suitable for 5 to 9-in. pots. Plants well branched low down on single stem, 18-24 inches across the top and with 50, 75 or 100 blossom stems. The varieties are: 400 Bonnaffon, 40 Pres. Smith, 100 Mrs. Robinson, 85 Mutual Friend, 150 Mrs. J. G. Whildin, 60 Ivory, 75 Rose Owen, 60 Mrs. Peabody, 100 Autumn Glory, 50 Mrs. H. Weeks, 50 Golden Wedding, 50 G. Pitcher, 50 Western King and 50 Belle of Castlewood. Price, $15.00 to $25.00 per 100, according to size.
Lord & Johnson, Owatonna, Minn.

Chrysanthemums. We have a surplus of strictly high grade, pot-grown stock, best varieties in 5, 6 and 7-in., at $20.00, $30.00 and $40.00 per 100.
G. Van Bochove & Bro., Kalamazoo, Mich.

CINERARIAS.

Cineraria, 2-inch, $2.00; 3-inch, $4.00 per 100. Cash.. Geo. M. Emmans, Newton, N. J.

Cinerarias, prize strain, 2-in., $2.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

CISSUS.

Cissus discolor, pretty plants, 3-in. pots, $4.00 per 100.
McGregor Bros., Springfield, Ohio.

CLEMATIS.

Clematis paniculata, 2 years, $4.00 per 100; seedlings from flats, $4.00 per 1000. Send 5c for samples. Cash with order.
Frank Jencek, Box 238, Newport, R. I.

Clematis crispa and coccinea, $30.00 to $45.00 per 1,000. William Tell, Austin, Texas.

CLIMBERS.

20,000 Clematis paniculata, 2 years, open ground and pot grown; 10,000 Ivies, 1 year, from open ground; 10,000 Ampelopsis Veitchii, 1 year, pot grown; 10,000 Hall's Honeysuckle, very strong; 5,000 Evergreen and Golden Honeysuckles, very strong; 10,000 Rosa Wichuraiana, 1, 2 and 3 years; 3,000 Wichuraiana, hybrids; 2,000 Actinidia arguta; Wistaria and other vines.
The W. H. Moon Co., Morrisville, Pa.

Boston Ivy (A. Veitchii). Pot grown, $3.00 per 100; $25.00 per 1000. Cash with order. The John A. Doyle Co., Springfield, O.

Ampelopsis Veitchii, 2½ inch pots, $3.00 per 100. Russell Davis, Xenia, Ohio.

COLEUS.

1000 named coleus, 10 varieties, field plants, $5.00 per 100.
Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J Berckmans, Augusta, Ga.

CUT BLOOMS.

Aster blooms. Orders shipped promptly. Prices, 25c, 50c and 75c per 100. Union St. Greenhouse Co., Geneva, N. Y.

CYCAS.

Cycas revoluta, 4-inch pots, 3 to 4 leaves, $3.00 per dozen; 5-inch pots, 4 to 6 leaves, $4.00 to $6.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen Giganteum. Choicest strain. Extra 5-inch, $2.50 per doz.; extra 4-inch, $1.50 per doz.; ordinary 4-inch, $1.00 per doz.; extra 3-inch, $7.00 per 100; ordinary 3-inch, $6.00 per 100. This is elegant stock, ready to shift, that will retail from 35c to $1.50 each. Cash please.
Wm. S. Herzog, Morris Plains, N. J.

Cyclamen giganteum, 3½-in., $1.00 per doz.; $7.00 per 100. Samples for 50c. D. U. Augspurger & Sons, Box 778, Peoria, Ill.

Cyclamen. Strong bushy plants, finest strain, three colors, $4.00 per 100. N. Smith & Son, Adrian, Mich.

Fine, healthy plants, 3-in., $4.00; 4-in., $8.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen Giganteum, 2½-inch, $4.00; 3-inch, $8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Cyclamen giganteum, 3-in., $5.00 per 100.
J. W. Miller, Hatton, Pa.

CYPERUS.

A few hundred cyperus, 3-in. pots, fine. $4.00 per 100. Cash. Critchell's, Cincinnati, Ohio.

Cyperus alternifolius, 2-in., $1 00 per 100. D. U. Augspurger & Sons, Box 778, Peoria, Ill.

DAHLIAS.

Dahlias. Selected fancy varieties for cut and show flowers. Clifford W. Bruton, Wm. Agnew, A. D. Livoni, Duchess of Cambridge, Frank Smith, Souv. De Mme. Moreau, Ruby Queen, Black Prince, Henry Patrick, Arabella, Penelope, Crimson Beauty. Large clumps, from the ground, at $3.00 per doz. Fred'k C. Schweinfurth, Bronxville, N. Y.

FARFUGIUM.

Farfugium grande, the beautiful Leopard plant, 3-in., nice plants, $1.50 per doz., postage paid. G. P. Moore, Ocean City, N. J.

FERNS.

Our stock is larger than ever and in fine condition.

Varieties.	Size Pot.	Per Doz.	Per 100
Adiantum Cuneatum	5-inch	$2.00	$15.00
Pteris Cretica Albo-Lineata	2-inch	.50	4.00
Pteris Serrulata Cristata	2-inch	.50	4.00
Pteris Serrulata	2-inch	.50	4.00
Pteris Tremula	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Exaltata	6-inch	3.00	20.00
Nephrolepis Bostoniensis	4-inch	2 00	
Nephrolepis Bostoniensis	5-inch	3.00	
Nephrolepis Bostoniensis	6-inch	5.00	

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Ferns our specialty. A grand stock of Maiden Hair ferns, in 4-in., ready for 5-in pots, per 100, $15.00; per 1000, $140.00. Full-grown plants, in 2¼-inch pots, ready for a shift, per 100, $4.00; per 1000, $35.00. Fine lot of assorted ferns, for jardinieres. All the best varieties, in 2¼-inch pots, per 100, $4.00; per 1000, $35.00. An excellent stock of Adiantum Farleyense. Over 10,000 now ready for the market.

6-inch pots	each,	$1.50; per 100	$140 00
5-inch pots	each,	1.00; per 100	95.00
4-inch pots	each,	.60; per 100	55.00

Money returned if not satisfactory. Cash or C. O. D.
Anderson & Christensen, Short Hills, N. J.

Big Boston ferns; pot-grown, ready for 8, 9 and 10s; 20 to 30 fronda, two to three feet long. There is money in them for you as they are just what you want for your fall trade. 1st size $1.00, 2nd size 75c each. Get them while they are going. A. J. Baldwin, Newark, Ohio.

15,000 extra fine Boston ferns in all sizes of pots now ready for shipment. Write for prices. Geo. A. Kuhl, Pekin, Ill.

Fern spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00 postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Nephrolepis Bostoniensis (Boston fern), 8c; N. cordata compacta (dwarf sword) and N. exaltata (sword fern), 6c; these are fine, stocky plants from 5-in. pots. N. Bostoniensis and N. cordata compacta from 2½-in., $3.00 per 100. Fairview Floral Co., Beatty, Ohio.

Thousands of true Boston ferns, 5-in., at 25c each; 2½-in., 5c each; 2-in., 3c each; Runners from bench, 2c each. Can supply them in dozen, hundred or thousand lots. Send 50c for samples. D. U. Augspurger & Sons, Box 778, Peoria, Ill.

N. cordata compacta, old plants from bench, $6.00 per 100; small plants $1.00 per 100. Will exchange 100 old plants for 50 each M. de Layer and Mrs. E. G. Hill geraniums. Cash with order. H. P. Smith, Piqua, Ohio.

Boston ferns and Davallioides furcans, extra fine, from bench, ready for 4-in. pots, 10c; 5-in., 15c; 6-in., 25c. Cash with order, or 25 per cent if C. O. D. A. Nelson, Box 1450, Paterson, N. J.

Boston Fern. From 2½ inch pots, $3.00 per 100; $25.00 per 1000. From 4 inch pots, $1.00 per doz., $8.00 per 100. Fine stock, grown cool. Cash with order. The John A. Doyle Co., Springfield, O.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns, to clean up, 2½-in., $2.50, 3-in., $5.00 per 100. Conard & Jones Co., West Grove, Pa.

Boston Ferns from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Boston Ferns, 3½-in. pots, $7.50 per 100; from bench, $3.00 per 100. Cash with order.
August Grinker, Washington, Mo.

Nephrolepis Cordata Compacta, 2½-in., $3.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

2,000 Selaginella. Strong plants, from 3½-in. pots, $6.00 per 100.
John Reck, Bridgeport, Conn.

Jardiniere ferns, elegant stock, $3.00 per 100; $25.00 per 1,000. J. B. Heiss, Dayton, Ohio.

500 choice ferns, mixed, 4-in., $8.00 per 100. Morris Floral Co., Morris, Ill.

For Boston ferns write John Welsh Young, Germantown, Pa.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100
6	22 to 23	12 to 14	$0.75	$ 7.20	$ 60.00
7	24 to 28	14 to 16		10.00	75.00
8	28 to 34	16 to 18		12.00	100.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Ficus elastica, in fine condition, grown in 6-in. pots, $4.00 per doz.
C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $2.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Ficus, strong, 6-in., 15 to 18 inches high from top of pot, $5.00 per doz.; $35.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

A few fine rubber plants, single stems, 5 to 6 ft. high, $1.00 each. Cash.
Critchell's, Cincinnati, Ohio.

FORGET-ME-NOTS.

Forget-me-not, winter blooming, 2½-in. pots, $2.50 per 100. Cash.
A. F. Belcher, Foxboro, Mass.

Forget-Me-Nots, rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.

A bargain, 2000 Mme. Bruant, La Favorite, B. Pointevine, S. A. Nutt, Marvel, Mrs. E. G. Hill, Hetheranthe, Contraste, W. H. Bailey and others, all clean, strong and healthy, $2.00 per 100, $18.00 per 1000, or the lot for $30.00. All in 2¼-in. pots. W. E. Hall, Clyde, Ohio.

Geraniums, double and single, Grant, Mme. Bruant, Mrs. E. G. Hill, Poitevine, Bonnat and S. A. Nutt, 3-in., $5.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

S. A. Nutt, Grant, Lafavorite and Pink, large plants, full of cuttings for stock, $5.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

10,000 geraniums, June rooted, a mixture of 40 choice varieties, 2½-in, $1.50 per 100. 2000 stock plants, mixed, field-grown, $5.00 per 100.
Morris Floral Co., Morris, Ill.

Geraniums, rooted cuttings, named, $1.25 per 100; unnamed, $1.00 per 100. G. Guy Swanger, Shiloh, Ohio.

Geraniums, 100,000 rooted cuttings, send for prices. Greene & Underhill, Watertown, N. Y.

GREVILLEA.

Grevillea for fern dishes, 3½-in., $5.00 per 100. Shellroad Greenhouses, Grange P. O., Baltimore, Md.

Grevillea robusta, 3-in., extra fine plants, $5.00 per 100. Mangelsdorf Bros. Co., Atchison, Kan.

HARDY PLANTS.

Hardy Herbaceous Plants. Ready to ship now. Plant early and let them get established before winter. All strong individual clumps.

	Per 100.
Achillea The Pearl, 3½-in. pots, very fine.	$4.00
Alyssum Saxatile Compacta, field-grown..	5.00
Artemisia (wormwood), field-grown.....	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots ..,.....	5.00
Aster Pyramidalis Hybrida, 3½-in. pots..	5.00
Anthemis Kelwayi, 3½-in. pots	5.00
Aquilegia Vulgaris, mixed, field-grown..	5.00
" " dbl. white, field-grown..	5.00
" Chrysantha, field-grown	6.00
" Caerulea, field-grown	7.00
Caryopteris Masticanthus, 3½-in. pots....	4.00
Hardy Chrysan'mums, asst., field-grown..	4.00
Coreopsis Lanceolata, 3½-in. pots.....	4.00
Campanula Pyramidalis, blue or white, field-grown	5.00
Chrysanthemum Uliginosum, field-grown..	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, field-grown	4.00
Digitalis Monstroaa, field-grown.....	5.00
Funkia Subcordata Grandiflora, field-grown	8.00
Lavendula, field-grown	5.00
Lychnis Chalcedonica, field-grown	5.00
Gypsophila Paniculata, field-grown.....	5.00
Geum Atroaanguineum, field-grown.....	5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots....	4.00
Hemerocallis Flava, field-grown.....	4.00
Hemerocallis Sieboldii, field-grown	6.00
Hibiscus Crimson Eye, 3½-in. pots.....	8.00
Iberis Gibraltarica, field-grown	5.00
Japanese Primrose, 3½-in. pots.....	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, field-grown.....	5.00
Scabiosa Caucasica, field-grown	6.00
Statice Latifolia, field-grown	7.00
Monarda Didyma, field-grown	5.00

Edward B. Jackson, Stamford, Conn.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilla paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas S. Dutton, 85 West 12th St., Holland, Mich.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

American Tree Seeds. Our descriptive catalogue of American seeds is just out. Ask for it. Pinehurst Nurseries, Pinehurst, N. C.

Send for trade list, now ready, of tree and shrub seeds, tree seedlings, etc. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

5,000 hardy grass pinks, 4-in., assorted, $3.00 per 100. Morris Floral Co., Morris, Ill.

HIBISCUS.

New Hibiscus, Peachblow. From 2½ in. pots, $4 a 100. Cash with order. John A. Doyle Co., Springfield, O.

HYDRANGEAS.

Otaska, Red-Branched and Thos. Hogg, magnificent, strong plants, with 4 to 7 crowns, $10.00 per 100; $85.00 per 1000. Jackson & Perkins Co., Newark, New York.

IVY.

A few good English Ivy, 4 in., $1.00 per doz.; $8.00 per 100. Chas. E. Meehan, Germantown, Phila., Pa.

English ivies, 10 to 20 inches long, 2½-in. pots, $3.00 per 100, Cash.
A. F. Belcher, Foxboro, Mass.

English ivy, strong, $4.00 per 100. Cash with order. Frank Jencek, Box 238, Newport, R. I.

JASMINE.

Cape Jessamines, Gardenia Florida. Strong and stocky, 10 to 12 in., 3-in. pots, $1.00 per doz., $7.00 per 100; 8 to 10-in., 75c per doz., $5.00 per 100; strong plants, from flats, 6 to 8 in., $3.00 per 100, $25.00 per 1000; 3 to 6 in., $2.00 per 100, $15.00 per 1000.
John Monkhouse, Caddo Nurseries, Jewella, La.

Cape Jasmine, 4-in., pure white flowers the year round, $1.50 per doz.; $10.00 per 100. Cash.
Critchell's, Cincinnati, Ohio.

LANTANAS.

Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

LEMONS.

Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100.
Good & Reese Co., Springfield, Ohio.

LILY OF THE VALLEY.

3-year-old clumps, 8 to 15 pips each, $2.50 per 100; $18.00 per 1,000. Cash with order.
Wm. A. Finger, Hicksville, L. I., N. Y.

MUSHROOM SPAWN.

We have strictly fresh stock from the best English maker, 10 lbs., $1.00; 25 lbs, $2.00. Special price on large lots.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P .J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., $4.50 per 100; $40.00 per 1000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summitt, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

PÆONIES.

We have 100 named double varieties, selected for florists' use; all good for cut flowers. 1 each of 100 varieties, $15.00; 1 each of 50 varieties, $6.00; 1 each of 25 varieties, $3.00 Standard red, pink and white $1.20 per doz.
Indianapolis Flower & Plant Co., Indianapolis, Ind.

Officinalis rubra, dark red, 2 to 3 years old, 4 to 8 crowns, also. Paeonia chinensis, in mixture, 2 years old, $6.50 per 100. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

PALMS, ETC.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excelient specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size Pot.	Height Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	
8	42 to 48	6	3.25	39.00	300.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	$2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.
10	40 to 45	6 to 8	$3.50

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2 00	15.00
Veitchii	6 extra fine			18.00	

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cts.; 3-inch, $1.25; 4-inch, $2.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Kentia Belmoreana and Forsteriana, 2½-in., 10c; 3-in., 18c; 4-in., 35c; 5-in., 50c each. Areca Lutescens, 3 in., 3 plants to pot, 18c; 4 in., 25c each. All cool grown, nice clean stock, and cannot be duplicated anywhere for the money. Cash with order.
Geo. M. Emmans, Newton, N. J.

Home-grown palms, free from insects and disease. They cannot fail to give satisfaction.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24	$12.00	$100.00
3 plants	8	30	30.00	.....
3 plants	8	36	36.00	.....

KENTIA BELMOREANA.

Inch pots.	leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$4.50	$35.00
6	6	24	15.00	125.00
6	6-7	26	18.00	150.00
			Each.	
8	6-7	30-32	3.00	.....
8	7-8	36	4.00	.....

KENTIA FORSTERIANA.

Inch pots.	leaves.	Inches high.	Per doz.	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

Hardy, stocky and perfect in every respect. The best at fair prices.

Areca Lutescens. Three plants together, 4 inch at 25c.; 6 inch at 50c., 75c. and $1.00; 8 inch at $1.50; 10 inch at $4.00 and $5.00; 14 inch and 16 inch, fine bushy specimens, at $15.00 to $35.00 each.

Latania Borbonica. Strong and stocky, 4 inch at 25c.; 6 inch at 50c. and 75c.; 8 inch at $1.50.

Kentia Belmoreana. Strong plants, 3 inch at 25c.; 4 inch at 40c. and 50c.; 5 inch at 75c.; 6 inch at $1.00, $1.25, $1.50; 8 inch at $2.00.

Kentia Forsteriana. 3 inch at 25c.; 4 inch at 40c. and 50c.; 8 inch at $2.50; 8 inch bushy, at $3.50; 8 inch, with Latania Borbonica, at $3.50.

Livistona Rotundifolia. 4 inch at 40c.; 5 inch at 75c.

Pandanus Veitchii. 6 inch at $1.00; 8 inch at $2.00.

Ficus Elastica, Araucaria Excelsa, Cocos Weddeliana, etc., etc.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Bercksmans Co., Augusta, Ga.

Sago Palms. Fine stock, $3.00, $4.00 and $5.00 per doz. Latania Borbonica, 3-in., good stock, $10.00 per 100; 4-in., very fine, ready for 6-in., $20.00 per 100; 5-in., full character lvs., $5.00 per doz.; 6-in., fancy stock, $9.00 per doz., all clean and in the best of shape. Cash.
Critchell's, Cincinnati, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

For palms and other decorative plants write N. Studer, Anacostia, D. C.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Fine, stocky, field-grown plants of the famous Diamond strain; largest in size and greatest variety of rich and rare colors; over 60 distinct sorts and an endless variety of shades and markings; all colors, mixed, by express, $4.00 per 1,000; $2.25 per 500: by mail postpaid 75c per 100. Cash with order. Pansies a specialty for 25 years. L. W. Goodell, Pansy Park, Dwight, Mass.

Pansies. Extra fine colors and strong plants, ready for planting. Try them. By mail, prepaid, 75c per 100; 250 for $1.50; 500 for $2 50. By express, buyers' expense, $4.00 per 1000. Cash with all orders, please.
Chas. F. Drawiel, 433 5th Ave., Brooklyn, N. Y.

PANSY PLANTS—Continued.

50,000 pansies. Choice, large-blooming strain, strong and stocky, plants grown thinly in open field. Mixed colors, prepaid by mail, 60c per 100; by express, $4.00 per 1000. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Herr's Pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100; 250 for $1.50; 500 for $2.50; by express at your expense, $4.00 per 1000. A. M. Herr, Lancaster, Pa.

50,000 pansies. Choice, large-blooming strain, strong and stocky, plants grown thinly in open field. Mixed colors, by express, $4.00 per 1,000. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Surplus stock, extra strong plants from field, the pick of the best strains in existence, either for show or bedding, $2.50 per 1,000; $10.00 per 5,000. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

Pansy Plants (Roemer's Giants). $5.00 per 1000. Yellow and white, separate. Would exchange for carnation plants. Edward Eggert, 42 Whiting St., New Britain, Conn.

Pansies. Strong plants ready now. Strain remarkable for size and color of bloom. By mail 50c per 100; by express $3.00 per 1000. E. Fryer, Batavia, Ill.

Good, strong pansy plants, showing buds, $3.00 per 1000. Of the finest mixture.
A Wenisch, Duncomb Ave., Williamsbridge, New York City.

Pansy plants, which for size, beauty of coloring and freedom of flower are unsurpassed, 50c per 100; $4.00 per 1000.
J. L. Dillon, Bloomsburg, Pa.

Pansy plants worth raising, 500 for $2.50; 1000 for $4.00. F. O. B. express here. Cash. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

Zirngiebel's Giant pansy plants now ready, Giant Market $5.00, Giant Fancy $10.00 per 100. Denys Zirgiebel, Needham, Mass.

Pansy plants Oct. 15. Large-flowering, 50c per 100; $3.00 per 1000. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

20,000 pansy plants, Giant Fancy, $4.00 per 1000. Morris Floral Co., Morris, Ill.

PRIMROSES.

A grand stock of Chinese Primula plants from selected large flowering strains, ready now. From 2½-in. pots, separate colors, semi-double flowers, $5.00 per 100; $40.00 per 1000. Separate colors, single flowers, $4.00 per 100; $35.00 per 1000. All colors mixed, $3.50 per 100; $30.00 per 1000. Cash or references.
S. Alfred Baur, successor to H. A. Niemeyer, Erie, Pa.

Chinese primroses. Globosa type, best strain grown. White, pink and red, 2¼-in., $2.50 per 100; 3-in., extra strong, $5.00 per 100. Baby primrose, extra fine, 2½-in., $4.00 per 100. N. Smith & Son, Adrian, Mich.

Chinese primroses. 15,000 finest large flowering fringed, $1.75 per 100; $15.00 per 1000. Obconica grand. fimbriata and Rosea, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Baby Primrose. Fine plants, in 3-inch pots, ready for a shift, $5.00 per 100. Cash with order, please.
D. Wm. Brainard, Thompsonville, Conn.

10,000 Chinese primulas, in separate colors, white, pink and red; Barnard's strain, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Primula Chinensis. Large plants, 2½ inch pots, at $3.00 per 100. Edw. Eggert, 42 Whiting St., New Britain, Conn.

Baby primroses, 2½-in., $3.00 per 100. Cash. Sample 5c. W. J. Braim, 36 Saratoga St., Utica, N. Y.

Chinese primroses, red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Chinese Primroses. Mixed, ready for 4-inch pots, per 100, $2.00. Cash.
M. & S. L. Dysinger, Albion, Mich.

Primroses, latest improved, large flowering, fine plants, ready for 3½-in., $2.00 per 100.
J. W. Miller, Hatton, Pa.

Baby primrose, 2¼-in., $4.00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

ROSES.

200,000 Roses. From 2½ inch pots, $2.50 per 100; $20.00 per 1000. Golden Gate, Crimson Rambler, La France, Striped La France, White La France, Mosella, Kaiserin, Bride, Maid, Etoile de Lyon, Meteor, White Maman Cochet, Merechal Niel, Pink Maman Cochet, C. Soupert, Pink Soupert, The Queen, Muriel Graham, Burbank, Marie Van Houtte, Gen. Lee, Malmaison, Mrs. Degraw, P. Pere, Abel Chatenay, Caroline Marniesse, Yellow Rambler, Empress of China. Cash with order, please. The John A. Doyle Co., Springfield, Ohio.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000, Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000. Liberty: 12 plants for $7.20, 25 for $12.50, 50 for $15.00, 100 for $28.00.
Wood Bros., Fishkill, N. Y.

Brides, Meteors, Maids, Golden Gate and Perles, 3 and 3½-in pots, 12 to 18 inches high, full of buds, except the Perles, which are out of 2½-in pots, but are fine, thrifty plants, all for $2.50 per 100; $20.00 per 1,000.
South Side Floral Co., Springfield, Ill.

Field-grown, Own-root Roses. All the best sorts, tender and hardy. Our solicitor will visit you and make prices, regardless of where you live or quantity you want. If you will drop us a card at once. The Howland Nursery Co., Los Angeles, Cal.

Rosa rugosa, 18 to 24 inches, $5.00 per 100, 6 to 12 inches, seedlings, $12.00 per 1000. Crimson Ramblers, 18 to 24 inches, strong, $6 00 per 100. The above are field-grown. Cash with order. Frank Jencek, Box 238, Newport, R. I.

I shall have a few hundred extra good Bridemaids, 3-in., at $5.00 per 100. Good stock, clean and nice. Cash with order. Jos. Bradbury, Irvington Ave., South Orange, N. J.

AMERICAN BEAUTY, 4-in., selected, $15.00 per 100. LIBERTY, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
R. H. Murphey, Urbana, Ohio.

Make us an offer on 1,000 Perles, 2,000 Maids and 500 Meteors. Make us an offer, we must have the room. Geo. A. Kuhl, Pekin, Ill.

Roses for the South. Varieties best adapted for southern planting, stock A 1. Write for price list. J. B. Heiss, Dayton, Ohio.

Field-grown roses, $8.00 per 100. Crimson Rambler, 2 to 4 ft. Wm. K. Nelson, Augusta, Ga.

Meteors, Perles, Maids and Brides, fine stock, 3-in., $3.00 per 100; $20.00 per 1,000.
Crabb & Hunter, Grand Rapids, Mich.

Field-grown roses. The Bride, Bridesmaid and Perle, $5.00 per 100.
Morris Floral Co., Morris, Ill.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIAS.

The two new Russelias, Lemoinei multiflora and Lemoinei elegantissima, 60c per doz.; $4.00 per 100.
Good & Reese Co., Springfield, Ohio.

SEEDS.

Special seed offer. Cyclamen Pers'cum Giganteum, 1900 crop. A1 German strain. White with red eye, dark red, pink, pure white, 100 seeds, 70c; 1000 seeds, $6.50; mixed, 100 seeds, 65c.; 1000 seeds, $6.00. This offer will expire on October 1st. Cash, please.
Conrad Eichholz, Florist, Warren, Pa. P. O. Box 1036.

Zirngiebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. D. Zirngiebel, Needham, Mass.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, Giant Fancy, 1-6 new ruffled, $4.00 per oz. Morris Floral Co., Morris, Ill.

Pansy seed, 3-16 oz., $1.00; 1 oz., $4.00. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Good bushy plants from 2 and 2½-in pots; must sell to make room; $5.00 per 1,000; 75c per 100. Write for sample. R. Kilbourn, Clinton, N. Y.

Extra fine plants, 2½-inch pots, strong and healthy, $2.00 per 100; 300 for $5.00. Cash with order.
D. Wm. Brainard, Thompsonville, Conn.

2000 fine 2½-in. smilax plants at $1.75 per 100; $16.00 per 1000. Cash with order.
H. P. Owen, Toughkenamon, Pa.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, 2¼-in., $1.50 per 100.
Jos. E. Bonsall, Salem, Ohio.

STEVIA.

400 strong, field-grown stevia, for Christmas blooming, $6.00 per 100. Cash, please.
Wm. S. Herzog, Morris Plains, N. J.

VEGETABLE PLANTS.

Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1000, $8.50 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball. 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

Parsley. Large, field-grown clumps, 75c per 100; $5.00 per 1000. Smaller plants, $1.00 per 1000. Sage, extra large clumps, $2.00 per 100. Thyme, fine clumps, $2.00 per 100.
J. C. Schmidt, Bristol, Pa.

VERBENAS.

Lemon verbenas, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Lemon verbena, 3-in., $4.00 per 100. The National Plant Co., Dayton, O.

VINCAS.

Vincas, 2¼-in. $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
Greene & Underhill, Watertown, N. Y.

500 variegated vincas. Strong field-grown plants, vines 3 to 5 ft. long, $10.00 per 100. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Vinca Variegata. Field-grown, elegant plants, $5.00 per 100. Cash with order. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

Vinca major variegata, strong, field-grown clumps with 6 to 10 long growths, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

Vinca Variegata, $4.00 per 100. Russell Davis, Xenia, O.

VIOLETS.

La France and Princess of Wales violets, large, field-grown plants, $5.00 per 100. The California, clumps from open ground, $3.00 per 100; $25.00 per 1000.
C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Lady Campbell, fine clumps; field-grown; clean and healthy; grown from young cuttings rooted in sand last spring, $3.00 per 100; $25.00 per 1000. Will send plants that will please. Well packed.
Chas. Black, Hightstown, N. J.

Lady Campbell, from pots, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in., $4.00 per 100; $35.00 per 1000. Field-grown Lady Campbell, $4.00 per 100; $35.00 per 1000.
Crabb & Hunter, Grand Rapids, Mich.

Field-grown violets, $5.00 per 100; $40.00 per 1000. Pot-grown, 3-in., $3.00 per 100; 4-in., $4.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Violet plants. 3000 Campbell, strong, field-grown, free from disease of every kind, $4.00 per 100; $35.00 per 1,000.
E. R. Lowe, West Roxbury, Mass.

2000 Lady Hume Campbell, field-grown clumps at $30.00 per 1000, all healthy and fine. Cash please.
A. B. Campbell, Cochranville, Pa.

Marie Louise and Lady Campbell, field-grown, $2.50 per 100.
Smilax, 2-in., $1.00 per 100.
Rentschler Bros., Janesville, Wis.

5,000 Marie Louise. From 4-in. pots, positively free of all disease, single crown, $5.00 per 100; $40.00 per 1000.
John Reck, Bridgeport, Conn.

500 fine field-grown clumps, M. Louise, $5.00 per 100. 2000 2½-in. pot grown, $2.50 per 100; $23.00 per 1000. J. J. Lamprecht, Xenia, Ohio.

For cash. To close them out. 1000 Campbell violet plants. Nice, grown in 3½-in. pots, $5.00 per 100. A. F. Belcher, Foxboro, Mass.

8,000 Lady H. Campbell Violets. Large, field-grown plants, $5.00 per 100; $45.00 per 1000. Richard Langle, White Plains, N. Y.

Marie Louise violets from 2½ and 3-in pots, $2.50 to $3.00 per 100; $25.00 to $30.00 per 1,000. A. S. MacBean, Lakewood, N. J.

Field-grown. Farquhar, Marie Louise and California, $3.00 to $5.00 per 100. Good stock.
Frederick A. Taylor, Canastota, N. Y.

Strong, field-grown California violets, $3.00 per 100. W. D. Chase & Son, New London, O.

Farquhar, 2¼-in., free from disease, $2 50 per 100. Greene & Underhill, Watertown, N. Y.

1000 Lady Campbell violets, field-grown, $3.00 per 100. Eli Cross, Grand Rapids, Mich.

Field-grown Marie Louise, $3.50 per 100. Russell Davis, Xenia, O.

Violet plants $5.00 per 100. A. H. Brown, Westboro, Mass.

TO EXCHANGE.

McGowan, Scott, Portia and Flora Hill carnations for cyclamen or ferns. J. C. Murray, Peoria, Ill.

CUT FLOWER BOXES.

Star Florists' Boxes. EDWARDS & DOCKER, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market st., Chicago.

DECORATIVE MATERIAL.

Southern wild smilax. New crop now ready for shipment. Write for circular and price list. J. G. Barrow, Red Level, Ala.

Hardy cut ferns 75c per 1000, in 1000 lots. Bouquet Green, Christmas trees, etc. L. B. Brague, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton. Albert M. Herr, Lancaster, Pa.

FLORISTS' LETTERS.

Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 55c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Phila., Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,
Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Bronze galax leaves, $1.25 per 1000, every leaf guaranteed. Try a sample 50 for 10c in stamps delivered free. American Rose Co., Washington, D. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

Bateman Mfg. Co., Grenloch, N. J.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

"Greenhouse Putty" (trade mark) for Florists. T. H. Nevin Co., Allegheny, Pa.

Mastica and Mastica glazing machines. F. O. Pierce Co., 170 Fulton st., New York.

Greenhouse glass a specialty, Sprague, Smith Co., 207-209 Randolph st., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Phila., Pa.

Baur Window Glass Co., Eaton, Ind.

HOSE.

Send for descriptive circular of the best florists' hose nozzel on the market.
Greene & Underhill, Watertown, N. Y.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Manufacturers' Rubber Co., 45 Vesey st., N.Y.

Good Hose, J.G.&A.Esler, Saddle River, N.J.

Penn Rubber Co., 608 Arch st., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

When in want of pure Dalmatian Insect Powder, Hellebore, etc., write to Chas. W. Jacob & Allison, 66 Pine St., New York.

ROSE LEAF extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

PIPE AND FITTINGS.

CAST IRON GREENHOUSE PIPE in 9-foot lengths, and pipe fittings, valves, etc. GREENHOUSE BOILERS, conical, sectional and self-feeding.
THOS. W. WEATHERED'S SONS,
46 and 48 Marion St., NEW YORK.

Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

Henion & Hubbell, 61 N. Jefferson St., Chicago.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price-lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

Whilldin Pottery Co., Phila., Pa.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

RAFFIA.

When in want of Raffia, write to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

SPHAGNUM MOSS.

Sphagnum just from the swamps; prime quality, $1.00 per bale, $5.00 per 6 bales, $9.00 per 10 bales.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York, Manufacurers of Wire Designs.

E. H. Hunt, 76-78 Wabash av., Chicago.

WINTER BLOOMING VINES.

Please give me a list of vines that will bloom in a slat house in middle Florida in the months of Jan., Feb., Mch. and Apl. House will be 50x100 ft. and covered with canvas when it is below 40 degrees. I have growing in one house allamandas, solanums, Bignonia venusta, jessamines, bougainvilleas and rhynchospermum.

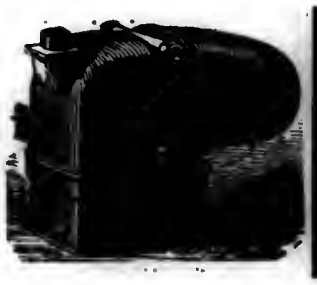
A. B.

Gelsemium sempervirens, Loniceras sempervirens and Halliana, Allamanda Williamsii, Aristolochia elegans, Bignonias alba and Thunbergiana, Clerodendrons Balfourii and delicatum, Jasminums gracillimum, revolutum, Sambac and double Sambac, Quisqualis indica, Climbing roses, Tecoma capensis and jasminioides, Thunbergias grandiflora and fragrans, etc.

E. N. REASONER.

Oneco, Fla.

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Nursery.....
.....Seed.....
Florists'....
Catalogues
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PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue . . . GREENHOUSE BUILDING

If you could get your shoes free you would stop and think, would'nt you? For $5.00 we will send you our Florists' Manual, by Wm. Scott, and if you study it carefully you may save here and there, every year more than your clothing costs you.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

334 Dearborn Street.

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RICHMOND, VA.—T. W. Wood & Sons, the seedsmen, received an award at the Paris Exposition.

PORTLAND, OREGON.—The Portland Seed Co. has increased its capital stock from $10,000 to $25,000.

HARTFORD, CONN.—J. J. Goodwin will build a greenhouse at corner of Woodland street and Asylum avenue.

ALBANY, N. Y.—Patrick Hyde is building two rose houses 20x80.



Mention The Review when you write.

The Whilldin Pottery Co.

.....INCORPORATED.....

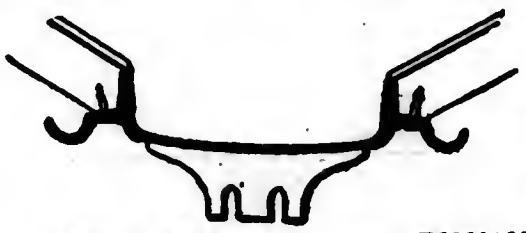
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FLOWER POTS.

PHILADELPHIA,

LONG ISLAND CITY, N. Y. JERSEY CITY, N. J.

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Manufacturers of and dealers in Greenhouse Specialties

PATENT IRON BENCH FRAME FITTINGS.

IMPROVED CAST IRON GUTTERS and PLATES.

VALLEY GUTTER and DRIP CONDUCTOR, 54c per foot

" " without " " 40c "

Send for Catalogue. JENNINGS BROS., Olney, Philadelphia, Pa.

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Perfectly Installed by

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Expert Advice and Plans Furnished.

Catalogues 4 Cents.

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The latest and best. In three varieties. SELF-OILING. Prices for everybody. All guaranteed to be first class.

Send for catalogue and prices.

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Hot Water Boilers, Pipes, Fittings

Send Four Cents for Catalogue. And Ventilating Apparatus

Mention The Review when you write.

You can help yourself bridge your troubles and find secret paths by investing $5.00 in our Florists' Manual, which we send prepaid for the price.

TOLEDO, O.

Trade circles are on the qui vive over the placard which has been placed in front of a fine storeroom in the new brick block, corner of Madison and Michigan streets. It announces that the premises will be occupied Oct. 1 by Miss Flick, florist. The location seems a very desirable one, and the enterprise, it is understood, will be installed and carried on as a strictly up-to-date establishment.

Mr. E. A. Klunk, of East Toledo, has nearly completed the addition to his plant which consists of a well appointed house, 32x120 ft. It will be used exclusively for carnations, and is being filled up with some good healthy stock.

Mrs. E. Suder, the well known florist of the West End, has just returned from an extended visit to the East. In addition to attending the meetings of the Society of American Florists, she visited other cities in search of new ideas, all of which will, no doubt, result in something practical the coming winter. B.

CORRECTION.

Through a typographical error in his adv. in the Review, Mr. F. Ludemann, San Francisco, was made to offer araucarias at $20.00 per 1000 instead of per 100. The error has now been corrected. Certainly $20.00 a hundred seems very cheap for araucarias in 3-inch pots and the error in quoting them at that price for a thousand must have been apparent.

NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN - - - CIRCULAR FREE -

SKABCURA DIP CO. CHICAGO.

Kill and Save the Blooms Bugs! QUICKLY DOES IT.

Those Fallen Leaves

CAN BE KEPT OFF THE LAWN WITH LITTLE EFFORT IF YOU HAVE A

FINLEY ROTARY LAWN RAKE.



The Finley Rotary Lawn Rake in Operation.

It picks them up and holds them until you are ready to deliver them to your burn heap or compost pile.

The wind can't blow them about after once raked. It does the work much better than the hand rake, and does it three times as fast. It takes up grass, either long or short, twigs and loose litter of any kind, stones included, that a hand rake would not touch. It will save its cost in 60 days on any good lawn. **Price, $12.00.**

It was given a Certificate of Merit by the Society of American Florists at the New York Convention, the judges reporting that they "Believe it to be far superior to anything else in the market."

Send for Illustrated Circular.

FINLEY LAWN RAKE CO.....Joliet, Ill.



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At the New York S. A. F. Convention,

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REIMER & RADMER, Agts., 411 State St., MILWAUKEE.



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Of Clear Louisiana Cypress and California Red Cedar

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ROSE LEAF EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seedsmen.

For Free Pamphlet write to

The Kentucky Tobacco Product Co., Louisville, Ky.

THE WONDER OF THE CENTURY IS

LEHMAN WAGON HEATERS



Watch Future Advertisements.

SCARBOROUGH, N. Y.—F. R. Pierson has obtained a temporary injunction to restrain James Speyer, who lives on the heights overlooking the Pierson property, from stopping the flow of the stream on which Mr. Pierson depends for water for his greenhouses.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

To-day the most successful men think well of books. Our Florists' Manual, by Wm. Scott, for $3.00 prepaid, is likely to save you the price every month in the year.

KROESCHELL BROS. CO.

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29 to 59 Erie St., CHICAGO.



Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around, front, sides and back. Write for information.

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Best made for GREENHOUSES.

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Simple, Strong,
Durable.
Send for Catalog, etc.

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CHICAGO.

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EVANS' Improved CHALLENGE VENTILATING APPARATUS.

Write for Illustrated Catalogue

Quaker City Machine Works,
RICHMOND, IND.

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MASTICA—FOR GLAZING Greenhouses.

Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. Send for descriptive circular of **Mastica and Mastica Glazing Machines.**

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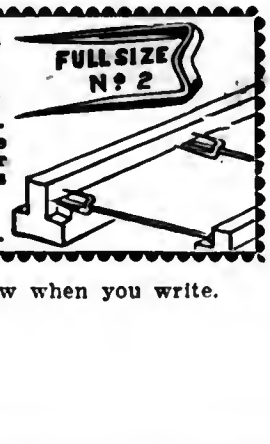
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See the Point

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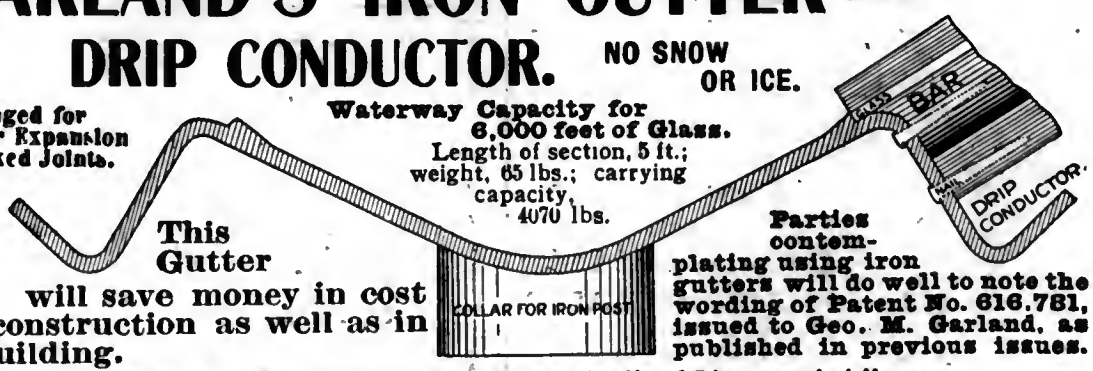
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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, OCTOBER 11, 1900. No. 150.

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We especially recommend the 3½-inch size as being exceptionally well rooted, and of strong, healthy growth; almost ready for a shift to a 6-inch pot. These plants should find a ready sale at Christmas as they will be in full flower at that time.

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THE RETAIL FLORIST.....

Evergreens.

A few words with you on the use of evergreens as decorative material. It is the duty of, and should be a pleasure for, every florist doing a retail business to encourage a greater use of the things which are most beautiful when winter is most dismal. The products of the greenhouse may constitute the greater portion of our trade, but that does not justify a disregard for the minor parts. The majority of florists have to recognize everything which may produce a recompense.

There are a great many conservatories attached to city homes in which it is impossible to keep palms or warm grown plants; it often occurs that a frozen plant also kills the desire to continue to have plants in the house, and this is where an intelligent introduction of evergreens is likely to produce much good. It is quite true that you may not be able to produce tropical effects with such material, but it is possible for you to create much beauty in a carefully selected and properly arranged winter garden or cold house of shrubs and vines. Bay trees are supposed to stand the cold down to ten degrees of frost but it is best not to go to the limit.

For Cool Conservatories.

Many of you know of places where in coldest weather there may be one or two degrees of frost creep in, and though your fancy ferns and high priced palms will not live there, there are many beautiful things that will prosper and give pleasure in such a place, for in addition to the endless variety of conifers, such plants as Aucuba japonica, andromedas, rhododendrons, hollies, euonymus, Mahonia aquifolium, agaves, yuccas, box, bay trees, Vinca minor, Daphne cneorum are suitable and many more worthy of consideration. South of Washington D. C., almost every kind of evergreen will stand the winter; north of that point many of the tender ones have to be protected in very severe weather; but the number of varieties that will stand the severest climate renders it an easy matter to dispense with tender ones.

For Hotels, Clubs, Etc.

We have noticed with a great deal of pleasure, the increasing demand for evergreens for use in decorating modern city buildings, and this part of the trade is growing to such an extent that no florist can afford to ignore it. Examine the new hotels, club houses, dwelling houses, yes, even office buildings, and you will see that the architects have planned with a view to both interior and exterior plant decoration, and these intentions are often not fully understood by the owners. There are many cases where suggestions from the florist would be acted upon, and a highly deserving branch of the trade be thus greatly encouraged.

There are many corridors, balconies, alcoves, windows, door entrances and back and front spaces at city homes and buildings which would look all the better were a few conifers nicely arranged.

The reason that more of this class of work is not done is simply because it is neglected, given over to peddlers to do, or else done carelessly, yes, and most often ignorantly by picked up day help and temporary florists who know little beyond the names and values of the commonest every day cut flowers. Even in New York here in the winter time in front of the world renowned restaurants and palaces you can see vases filled with evergreens in the most ludicrous fashion. Irish junipers are often made to poke out slantingly from the midst of dwarf retinosporas at the edges of vases, and other plants are placed as if they were tumbled out of a wagon. The wonder to us is how any man with even a slight knowledge of plants can do such things, and that any person can permit the front of his place to be thus disfigured.

For Window Boxes and Vases.

A thing well done most always creates a desire for repetition, and whatever is worth doing, particularly in a business sense, is worth doing well. You can display as much art in a way in arranging a window box of evergreens as you can in fixing a basket of flowers; just because they appear coarse outdoor stock and require soil and dirty fingers should not make them objects of careless regard.

We find that many of the failures in this work are directly traceable to having it delayed until very cold weather sets in, when frozen soil and fingers are sufficient reasons for much that is committed. If you are a practical man and wish to plant fancy evergreens on your lawn or about your house you would not wait till all was frozen, and this should guide in much you are required to do for others. We have never had good permanent results from newly imported conifers. They may look bright and very pretty and all that, but beware, many of them are dead, even though they look beautiful, and the rest will not stand severe storms. Better for you to patronize the nurseries within a hundred miles of where you want to use the stock and then you can be sure that it will be acclimated.

Evergreens put into a vase or window box or other form of ornamentation should be planted with the same care as those put out in the garden to grow. Alas, how often the work is done otherwise, roots are sawed and hacked with the sole view of making them fit into impossible spaces, and then we pretend not to know the reason why they died. Then again, the receptacles contain soil that has done duty for years, and because it is handy or too troublesome to renew, we continue to use it and the consequence is it soon gets as hard as cement, and this renders it impossible for anything to live in it. It is quite true that evergreens remain dormant in most situations during the winter but then they require soil which permits air and moisture to get to the roots. They need but little attention, an occasional syringing or watering overhead, to make them clean and bright.

Be careful not to use anything that will not stand the hardest freeze if that element can reach them. We have seen well-known florists plant Aucuba japonica out along Fifth avenue in winter time. They ought to have known better, but you know how it is. 'Twas only the other day we happened to be in the store of a successful florist, when one of his customers came in and asked him if "Rose of Sharon" would stand out all winter. "Oh, no," said the florist, "it is not hardy." The customer referred to a plant of the same kind on his neighbor's place. "You must be mistaken," said the florist. "Rose of Sharon (althea) is one of the tenderest of plants and must be taken in before the first frost." We could not say anything, but thought much.

Visit the Nurseries.

A few hours inspecting and making one's self acquainted with the many beauties in nearby nurseries will more than repay any plantsman or florist. There is too much of the commonest and unsuitable stock used, much of it because there is a lack of knowledge of the value and perhaps the existence of choicer kinds. The general public are apt to class all they see as Christmas trees, and often the material and the way it is used justifies the lack of proper appreciation. There is no building so beautiful, no entrance so grand, no window curtain

so fine, that a well arranged and suitable group of evergreens will not still more beautify. In the winter, when all is cold and bleak, the eye loves to rest on nature's green; there is nothing man can make that nature cannot make more beautiful, and the full force of this truth should be in the eyes, tongue and finger tips of every florist. When a plant appears ugly it is only because it is misapplied or ill-grown.

Group Planting.

There are many occasions where we are either called upon to or could suggest the planting of groups of conifers in front gardens or in the rear yards, and in this case a variety of colors will most often give the greater satisfaction, and with the immense variety of this stock obtainable at present in almost all the principal nurseries, the very finest grade of work is made possible. Of course, there is little room for the working out of landscapers' dreams in the average city yard, and you will surely blunder if you attempt any such schemes. Your work must of necessity be of a formal nature, not necessarily too stiff nor regular; the work, in being compact, as it must be, need not have the appearance of being clipped into shape. Plant the same as you would for the effect to be got from summer plants. Aim for symmetry and beauty, let each variety show its best in form and color.

For beds or groups, it depends on the size, of course, but the majority of retinosporas, biotas, piceas, abies and thuyas are suitable, and the sizes can be got to furnish down to the ground. For our part, when extensive planting is to be done, we prefer grouping each variety by itself, more particularly in vase work. Wherever it is possible to procure finely trained specimens, it pays to buy them. It is not always possible to get these, though, and in that case made-up plants can be made to look almost as good. A fine-shaped hemlock, Picea pungens, P. Nordmanniana or Abies excelsa, A. Douglasii, A. excelsa conica or Retinospora filifera, or, in fact, any of the shapely evergreens, will look much better in a vase than a mixture and too apparent overcrowding of others.

Vases and Boxes.

In very cold places pines or Norway spruces are best to use, but where there are several vases, have one kind in each, the hardiest where the wind blows fiercest. In the arrangement of window boxes, remember that people want to look out; though you had better put thin pyramidal plants like Irish juniper or Irish yews at each end of the box, the plants in the center should be low, no higher than 12 or 14 inches, and though the side facing the street should be best, the back should also be well furnished.

There is an endless variety of thuyas and retinosporas of every hue and color suitable for box work, and the smaller they are the better. Pot-grown ivy or Euonymus radicans or Vinca minor for vines will stand well if properly planted. Ivy has been very successful in the window boxes, etc., in New York the past summer, and it would be wise to disturb such as little as possible when putting in evergreens. This work should be done now or as soon as possible. If you inform your regular customers that conifers planted now will last better, they will let the work be done, and it will be better and easier for you to have it done while the weather is warm and trade is dull.

Make a display yourself.

Your own doorway or window front will look all the better with an inexpensive embellishment of evergreens in pots, boxes or vases. If you display goods, the people can see them and be encouraged to buy. If a person will spend $10 or $20 to have a box or vase filled with plants to last three months in summer, they may easily be induced to spend at least half that much to have the same things filled with plants that will look pretty the usual five months of winter. Let us encourage these permanent winter decorations, for they do immense good; they encourage a love of plants all the year around. Don't imagine that the florist's business is confined to indoor decoration in winter and outdoor in summer.

There should be a strong endeavor to induce every wealthy person, every municipal or governmental authority, to use evergreen decorations in the buildings and small parks, and particularly the schools, in winter. Summer's landscapes are made glorious by nature, man often attempts to emphasize that wealth of beauty, whilst in winter man's ambition seems to shrink within him and dismal bleakness is made more awful by silence and inactivity. Encourage the use of evergreens in the cities during winter and thus furnish sources of pleasure when most needed. IVERA.

FERNS FOR FERN DISHES.

At the last meeting of the Chicago Florsts' Club, Mr. A. McAdams read an interesting paper upon "Small ferns for fern dishes." He said: "Judging from the way trade is opening this fall fern dishes will remain as popular as ever. Whether they are as profitable to the florist as cut flowers would be for the same purpose I question. If our customers would allow us to use the more delicate and graceful varieties they would be more profitable to us, but they are not satisfied unless we guarantee their fernery to last for from six months to a year. Then they put them in a darkened dining room and there are very few ferns that will stand such treatment.

"The pteris family is the most useful for this purpose. There are many sorts that can be kept in a dwarf condition, such as is necessary, for a longer time than other ferns. Besides the pterises there are only four other large fronded sorts which will stand the dry atmosphere of the modern home. First there is Asplenium falcatum; second, Lastrea Opaca; third, Nephrodium hirtipes; fourth, Polypodium carcaranium. These make a variety, which is necessary to a well filled dish.

"It is well to have some light colored foliage and there are four variegated varieties of pteris to use. The best one, P. cristata variegata, is always scarce. Victoriae and Mayii are rather dwarf in habit. P. argyraea is too sensitive to a dry atmosphere. One which I find is better adapted to this purpose is Bierata argentea, which is not so light in color as argyraea, but is harder and more compact in growth.

"We use Cocos Weddelliana for the centers when we can get the price. The following also can be used for centers: Small Kentias, Dracaena Sanderiana and Pandanus Veitchii; also small plants of Nephrolepis cordata compacta and N. Phillipinense. Both varieties of asparagus are good, in fact too good as they last too long. A customer came into the sore a few days ago with a fern dish which she said we filled for her in October of last year and it was looking fairly well; it had grown taller. By filling that fernery we lost the profit of several fillings. It had been filled eight times the year before. That was one instance of where it was not profitable to advocate asparagus for this purpose.

"The following are the varieties of pteris which we use the most. There are no doubt many other good ones with which I am not familiar:

"Pteris cretica Wimsetti.
"Pteris cretica magnifica.
"Pteris serrulata cristata.
"Pteris serrulata lacerata.
"Pteris serrulata nana.
"Pteris Smithae (an improvement on tremula).
"Pteris Ouvrardii.
"Pteris Palmata.

"There is one adiantum which I forgot but would like to mention, namely, Adiantum capillus-veneris."

In the discussion that followed Mr. E. Wienhoeber spoke of Pteris tensimense, which he found to last well. Mr. McAdams said he had had it but that with him it did not show good lasting qualities. Apropos of this Mr. Wienhoeber said he had noted that some sorts lasted well with some customers

and not with others while in other cases the matter was entirely reversed. He has one customer that keeps a fern dish in good condition for a full year, but with the majority they rarely last over six weeks and many have them refilled every month.

Mr. McAdams noted the necessity for having small, compact plants in small pots and that there was great difficulty in keeping a stock of plants in proper size. He tried to keep them as small and hard as possible. But it won't do to keep the temperature too low as the foliage will turn yellow.

TULIPS AND HYACINTHS.

In response to questions asked him at the last meeting of the Chicago Florists' Club, Mr. August Jurgens gave a good deal of interesting information regarding bulbs.

For a very early tulip he grows the scarlet Duc Van Thol, more especially for pans of blooming bulbs for Christmas. But Prosperine is the earliest good tulip, though delicate. It must be given heat to make a stem, but when the flowers are developed, if not at once removed to a cool temperature it will not have a good color and the tips of the petals will turn black. Yellow Prince can be had in satisfactory shape by Jan. 10, and with a good 15-inch stem, if given heat and then kept cool after the stem is made.

He notes a great difference in bulbs which cannot be discovered until put through the process of forcing. He has had stock from three different growers, of which one lot is coming finely, another a mixture of good and indifferent, and the third is not coming at all. He attributes this to influences of weather, climate and culture, upon the bulbs when being grown. The grower of the bulb must know his business, as, unless his work is properly done, the most expert forcer in the world can not get good results.

For earliest forcing, he starts those that move first, and this can be easily determined after three days inside. La Reine can be had for Christmas, but the stem will be too short, though useful for funeral work at a time when roses are high priced. Keizerskroon comes after Yellow Prince and can rarely be got in by Jan. 15 and be profitable, as there are sometimes only a few blooms from a hundred bulbs. It is better to keep for later and have it bloom by Feb. 15.

For red, he has Belle Alliance, though the shade of red is rather too dark to make the flowers good sellers. Red Pottebakker and Crimson King are good, but red is not a good selling color. Montresor he considers the best of all yellows, but the blooms must command a good price to be profitable, as the bulbs are expensive. The Holland growers claim it can be brought in for Christmas, but he has so far failed to accomplish this, though trying every year. It is an improvement on Chrysolora. For early pink he grows La Reine, and Cottage Maid for Easter.

In Dutch hyacinths, for early he grows Grand Frederick, blue, and Vainquer, pink. They can be had in bloom by Jan. 6, but the bulbs are hard to get from the growers. By Jan. 20 we can have Alba Superbissima, La Grandesse and Czar Peter, and Charles Dickens for later. He never attempts to force them earlier than the dates given, as the bulbs simply won't grow. The above refers to the miniature Dutch hyacinths for cutting.

For the pot hyacinths for Christmas or later, he grows Homerus, reddish pink, and Norma, pink. All pinks, to have good color, must be kept cool after the stem is secured by the application of heat. Gertrude, pink, makes a good, big spike, but the variety is not a good seller. For blue, he likes Grand Maitre, and Charles Dickens, a darker shade. But the bulbs of the latter are small and don't make as fine spikes. King of the Blues is too dark. For later, Queen of the Blues is a good light blue. La Grandesse is the best white,



Decoration of store front with Autumn Foliage, Evergreens and Wheat.

Mr. John Reardon mentioned Polystichums falcatum, prolferum and angulare as ferns that he had found very desirable for dishes.

STORE FRONT DECORATION.

We present herewith an engraving from a photograph of a recent store front decoration by the Geo. Wittbold Co., Chicago. Autumn foliage, evergreens and wheat on the stalk were the materials and they were certainly very appropriate for a "fall opening." The picture shows the details so plainly that further description is unnecessary. The merchants are yearly paying greater attention to the matter of suitable decorations for special occasions, and it is a department of the business that can be materially developed by the live florist. While the business men generally figure closely on the expense of such decorations they are nearly always ready to pay a good price for something really novel and striking. And often material can be very profitably used up in such decorations that would be of little use otherwise.

so fine, that a well arranged and suitable group of evergreens will not still more beautify. In the winter, when all is cold and bleak, the eye loves to rest on nature's green; there is nothing man can make that nature cannot make more beautiful, and the full force of this truth should be in the eyes, tongue and finger tips of every florist. When a plant appears ugly it is only because it is misapplied or ill-grown.

Group Planting.

There are many occasions where we are either called upon to or could suggest the planting of groups of conifers in front gardens or in the rear yards, and in this case a variety of colors will most often give the greater satisfaction, and with the immense variety of this stock obtainable at present in almost all the principal nurseries, the very finest grade of work is made possible. Of course, there is little room for the working out of landscapers' dreams in the average city yard, and you will surely blunder if you attempt any such schemes. Your work must of necessity be of a formal nature, not necessarily too stiff nor regular; the work, in being compact, as it must be, need not have the appearance of being clipped into shape. Plant the same as you would for the effect to be got from summer plants. Aim for symmetry and beauty, let each variety show its best in form and color.

For beds or groups, it depends on the size, of course, but the majority of retinosporas, biotas, piceas, abies and thuyas are suitable, and the sizes can be got to furnish down to the ground. For our part, when extensive planting is to be done, we prefer grouping each variety by itself, more particularly in vase work. Wherever it is possible to procure finely trained specimens, it pays to buy them. It is not always possible to get these, though, and in that case made-up plants can be made to look almost as good. A fine-shaped hemlock, Picea pungens, P. Nordmanniana or Abies excelsa, A. Douglasii, A. excelsa conica or Retinospora filifera, or, in fact, any of the shapely evergreens, will look much better in a vase than a mixture and too apparent overcrowding of others.

Vases and Boxes.

In very cold places pines or Norway spruces are best to use, but where there are several vases, have one kind in each, the hardiest where the wind blows fiercest. In the arrangement of window boxes, remember that people want to look out; though you had better put thin pyramidal plants like Irish juniper or Irish yews at each end of the box, the plants in the center should be low, no higher than 12 or 14 inches, and though the side facing the street should be best, the back should also be well furnished.

There is an endless variety of thuyas and retinosporas of every hue and color suitable for box work, and the smaller they are the better. Pot-grown ivy or Euonymus radicans or Vinca minor for vines will stand well if properly planted. Ivy has been very successful in the window boxes, etc., in New York the past summer, and it would be wise to disturb such as little as possible when putting in evergreens. This work should be done now or as soon as possible. If you inform your regular customers that conifers planted now will last better, they will let the work be done, and it will be better and easier for you to have it done while the weather is warm and trade is dull.

Make a display yourself.

Your own doorway or window front will look all the better with an inexpensive embellishment of evergreens in pots, boxes or vases. If you display goods, the people can see them and be encouraged to buy. If a person will spend $10 or $20 to have a box or vase filled with plants to last three months in summer, they may easily be induced to spend at least half that much to have the same things filled with plants that will look pretty the usual five months of winter. Let us encourage these permanent winter decorations, for they do immense good; they encourage a love of plants all the year around. Don't imagine that the florist's business is confined to indoor decoration in winter and outdoor in summer.

There should be a strong endeavor to induce every wealthy person, every municipal or governmental authority, to use evergreen decorations in the buildings and small parks, and particularly the schools, in winter. Summer's landscapes are made glorious by nature, man often attempts to emphasize that wealth of beauty, whilst in winter man's ambition seems to shrink within him and dismal bleakness is made more awful by silence and inactivity. Encourage the use of evergreens in the cities during winter and thus furnish sources of pleasure when most needed. IVERA.

FERNS FOR FERN DISHES.

At the last meeting of the Chicago Florsts' Club, Mr. A. McAdams read an interesting paper upon "Small ferns for fern dishes." He said: "Judging from the way trade is opening this fall fern dishes will remain as popular as ever. Whether they are as profitable to the florist as cut flowers would be for the same purpose I question. If our customers would allow us to use the more delicate and graceful varieties they would be more profitable to us, but they are not satisfied unless we guarantee their fernery to last for from six months to a year. Then they put them in a darkened dining room and there are very few ferns that will stand such treatment.

"The pteris family is the most useful for this purpose. There are many sorts that can be kept in a dwarf condition, such as is necessary, for a longer time than other ferns. Besides the pterises there are only four other large fronded sorts which will stand the dry atmosphere of the modern home. First there is Asplenium falcatum; second, Lastrea Opaca; third, Nephrodium hirtipes; fourth, Polypodium carcaranium. These make a variety, which is necessary to a well filled dish.

"It is well to have some light colored foliage and there are four variegated varieties of pteris to use. The best one, P. cristata variegata, is always scarce. Victoriae and Mayii are rather dwarf in habit. P. argyraea is too sensitive to a dry atmosphere. One which I find is better adapted to this purpose is Bierata argentea, which is not so light in color as argyraea, but is harder and more compact in growth.

"We use Cocos Weddelliana for the centers when we can get the price. The following also can be used for centers: Small Kentias, Dracaena Sanderiana and Pandanus Veitchii; also small plants of Nephrolepis cordata compacta and N. Phillipinense. Both varieties of asparagus are good, in fact too good as they last too long. A customer came into the sore a few days ago with a fern dish which she said we filled for her in October of last year and it was looking fairly well; it had grown taller. By filling that fernery we lost the profit of several fillings. It had been filled eight times the year before. That was one instance of where it was not profitable to advocate asparagus for this purpose.

"The following are the varieties of pteris which we use the most. There are no doubt many other good ones with which I am not familiar:

"Pteris cretica Wimsetti.
"Pteris cretica magnifica.
"Pteris serrulata eristata.
"Pteris serrulata lacerata.
"Pteris serrulata nana.
"Pteris Smithae (an improvement on tremula).
"Pteris Ouvrardii.
"Pteris Palmata.

"There is one adiantum which I forgot but would like to mention, namely, Adiantum capillus-veneris."

In the discussion that followed Mr. E. Wienhoeber spoke of Pteris tensimense, which he found to last well. Mr. McAdams said he had had it but that with him it did not show good lasting qualities. Apropos of this Mr. Wienhoeber said he had noted that some sorts lasted well with some customers

and not with others while in other cases the matter was entirely reversed. He has one customer that keeps a fern dish in good condition for a full year, but with the majority they rarely last over six weeks and many have them refilled every month.

Mr. McAdams noted the necessity for having small, compact plants in small pots and that there was great difficulty in keeping a stock of plants in proper size. He tried to keep them as small and hard as possible. But it won't do to keep the temperature too low as the foliage will turn yellow.

TULIPS AND HYACINTHS.

In response to questions asked him at the last meeting of the Chicago Florists' Club, Mr. August Jurgens gave a good deal of interesting information regarding bulbs.

For a very early tulip he grows the scarlet Duc Van Thol, more especially for pans of blooming bulbs for Christmas. But Prosperine is the earliest good tulip, though delicate. It must be given heat to make a stem, but when the flowers are developed, if not at once removed to a cool temperature it will not have a good color and the tips of the petals will turn black. Yellow Prince can be had in satisfactory shape by Jan. 10, and with a good 15-inch stem, if given heat and then kept cool after the stem is made.

He notes a great difference in bulbs which cannot be discovered until put through the process of forcing. He has had stock from three different growers, of which one lot is coming finely, another a mixture of good and indifferent, and the third is not coming at all. He attributes this to influences of weather, climate and culture, upon the bulbs when being grown. The grower of the bulb must know his business, as, unless his work is properly done, the most expert forcer in the world can not get good results.

For earliest forcing, he starts those that move first, and this can be easily determined after three days inside. La Reine can be had for Christmas, but the stem will be too short, though useful for funeral work at a time when roses are high priced. Keizerskroon comes after Yellow Prince and can rarely be got in by Jan. 15 and be profitable, as there are sometimes only a few blooms from a hundred bulbs. It is better to keep for later and have it bloom by Feb. 15.

For red, he has Belle Alliance, though the shade of red is rather too dark to make the flowers good sellers. Red Pottebakker and Crimson King are good, but red is not a good selling color. Montresor he considers the best of all yellows, but the blooms must command a good price to be profitable, as the bulbs are expensive. The Holland growers claim it can be brought in for Christmas, but he has so far failed to accomplish this, though trying every year. It is an improvement on Chrysolora. For early pink he grows La Reine, and Cottage Maid for Easter.

In Dutch hyacinths, for early he grows Grand Frederick, blue, and Vainqueur, pink. They can be had in bloom by Jan. 6, but the bulbs are hard to get from the growers. By Jan 20 we can have Alba Superbissima, La Grandesse and Czar Peter, and Charles Dickens for later. He never attempts to force them earlier than the dates given, as the bulbs simply won't grow. The above refers to the miniature Dutch hyacinths for cutting.

For the pot hyacinths for Christmas or later, he grows Homerus, reddish pink, and Norma, pink. All pinks, to have good color, must be kept cool after the stem is secured by the application of heat. Gertrude, pink, makes a good, big spike, but the variety is not a good seller. For blue, he likes Grand Maitre, and Charles Dickens, a darker shade. But the bulbs of the latter are small and don't make as fine spikes. King of the Blues is too dark. For later, Queen of the Blues is a good light blue. La Grandesse is the best white,



Decoration of store front with Autumn Foliage, Evergreens and Wheat.

Mr. John Reardon mentioned Polystichums falcatum, prolferum and angulare as ferns that he had found very desirable for dishes.

STORE FRONT DECORATION.

We present herewith an engraving from a photograph of a recent store front decoration by the Geo. Wittbold Co., Chicago. Autumn foliage, evergreens and wheat on the stalk were the materials and they were certainly very appropriate for a "fall opening." The picture shows the details so plainly that further description is unnecessary. The merchants are yearly paying greater attention to the matter of suitable decorations for special occasions, and it is a department of the business that can be materially developed by the live florist. While the business men generally figure closely on the expense of such decorations they are nearly always ready to pay a good price for something really novel and striking. And often material can be very profitably used up in such decorations that would be of little use otherwise.

with fine, large bells, but the bulbs are costly. Baron Van Thuyil has rather small bells.

The flowers of the double hyacinths are too heavy, and he finds that too often when he gets down town with them the spikes are simply bare poles.

He gets the double daffodils (Von Sion) in by Jan 15 to 20, and finds that if the bulbs are taken in after Christmas they come as well, if not better, than when taken in earlier. Jan. 1 is early enough, if space is not available before. Of course, Trumpet Major can be had earlier. Other sorts of single narcissus, such as Bicolor Horsfieldii, Golden Spur, Emperor and Empress, are fine, but too expensive to grow for cut flowers commercially. Princeps is cheap enough, but the blooms are floppy.

He has tried Spanish iris, scillas, ranunculus, chionodoxa, snow drops and crocus for flowers and use in pots and pans, but has abandoned them all as unprofitable.

He deprecated any attempt to get earlier flowers by securing early shipments of bulbs. He would rather have the later arrivals, as the bulbs will be better matured and better for forcing.

He noted that Roman hyacinths were not coming so early this year as last, and attributed it to unfavorable conditions that existed when the bulbs were being grown.

LILIES FOR EASTER.

After growing them side by side, we have concluded that Lilium longiflorum is more profitable to grow than Lilium Harrisii and some made-up plants of the former brought a higher price than the latter at Easter.

We pot our bulbs immediately upon arrival, using a soil that is left over from our rose compost heap of last year, the sod and manure being well rotted and perfectly sweet. In case this should be too heavy, we add a lighter loam that is of a virgin nature. With Harrisii and longiflorum, once is all the potting done, placing the bulb half an inch below the surface.

A well drained frame, made frost proof by digging out deeply and banking, is an excellent place to start the plants. After a thorough watering, put on the sash and boards to keep dark and moist. When well rooted, take off the boards and admit the light and air. Water should be given sparingly and to each plant as it shows dryness. During October give all the air possible. Any diseased plants can be thrown out as others are taken into the houses, which should be done as soon as severe frost makes it necessary to cover the plants too long from the light and sun.

When first brought in, a cool house is best for a while, and not too much water. Choose the lightest and sunniest benches you have and never crowd the plants at any time. To keep down the aphis, we have found regular fumigations best, whether the plants show fly or not.

About twelve weeks before Easter we start to grade the plants, noting the earliest and most vigorous, and aim to have them set their buds six to seven weeks before flowering time. This is where the labor comes in, and any indiscriminate forcing, then retarding, and again forcing, always ends in failure. Below 50 degrees there is very little growth, and above 70 degrees as a night temperature is harmful. We find that for Harrisii 50 to 52 degrees, and for longiflorum 55 to 60 degrees, is usualy best until forcing begins, and never over 70 degrees at night for Harrisii.

We have tried extra large pots, repotting, top-dressing and feeding, but prefer to leave the plants alone and check the growth as little as possible.

JOSEPH REEVE.

AMERICAN ROSE SOCIETY.

On Friday the Rose Society began active work for the next March show by an executive committee meeting held at the Westminster Hotel. The schedule was revised and is now in the hands of the printer, to be issued in a few days. The H. P. classes are materially increased and provision is made for individual blooms to be shown by private gardeners and amateurs. A gold challenge medal for novelties will next year be offered for the first time, and a handsome challenge prize for gardeners is instituted. Judging will be by a scale of points as follows for competitive classes:

Size	15
Color	20
Stem	20
Form	15
Substance	15
Foliage	15
Total	100

For judging novelties submitted for certificate the scale is:

Size	10
Color	20
Stem	15
Form	15
Substance	10
Foliage	15
Fragrance	5
Distinctiveness	10
Total	100

Intending exhibitors should apply to the secretary, 136 Liberty St., New York, for copies of the forthcoming schedule.

CHRYSANTHEMUM COMMITTEES.

President Herrington of the Chrysanthemum Society of America, has announced committees to examine chrysanthemum seedlings and sports on dates as follows:—October 13, 20 and 27, November 3, 10, 17 and 24.

For Boston, Mass.: A. H. Fewkes, (Chairman), Horticultural Hall, Tremont street.

For New York, N. Y.: E. Dailledouze (Chairman), care New York Cut Flower Co., 119 West Twenty-third street.

For Philadelphia, Pa.: A. B. Cartledge (Chairman), 1514 Chestnut street.

For Cincinnati, O.: R. Witterstaetter (Chairman), care Jabez Elliot Flower Market (care of Janitor).

For Chicago, Ill.: J. Wilson, care Illinois Cut Flower Co., 51 Wabash Avenue.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of $2.00 should be forwarded to the Secretary not later than Tuesday of the week preceding examination.

EDWIN LONSDALE, Sec'y.
Wyndmoor, Philadelphia, Pa.

AMERICAN DAHLIA SOCIETY.

The American Dahlia Society held its annual meeting at the American Institute, New York, Wednesday, Sept. 26, Mr. Samuel Henshaw presiding. This gentleman was afterward elected president of the American Dahlia Society for the ensuing year, Rev. W. T. Hutchins, vice-president, and James W. Withers was unanimously elected secretary and treasurer. A committee on nomenclature was elected, as follows: M. S. Higgins, East Bridgewater, Mass.; W. W. Wilmore, Denver, Colo.; W. F. Bassett, Hammonton, N. J.; Rev. W. C. Bolton, Pelham, N. Y.; Rev. W. T. Hutchins, Indian Orchard, Mass.

The secretary was authorized to make arrangements with the authorities of the Pan-American Exposition at Buffalo, N. Y., for the holding of a dahlia show in connection with the exposition next fall.

The following new dahlias were brought before the society and passed upon: W. Atlee Burpee, Philadelphia, presented "Harlequin," fancy pompon flowers, 2½ in. in diameter. The plant accompanied the vase of blooms showing its extreme floriferousness and adaptability as a bedder. A vote was taken, and the variety received a certificate. "Magnificent," canary yellow, was offered by the same exhibitor, but the committee asked that the variety be brought before them again. "Salmon Queen," decorative, from the same exhibitor, was certificated. In connection with "Salmon Queen." the original introducer. L. K. Peacock, withdrew the name



The Acme Nursery, Galveston, Texas, after the storm.

"Aguinaldo." making the statement that only a very few plants had gone out under that name. This was accepted by the committee.

Rowehl & Granz, Hicksville, L. I., presented a fancy, color buff and crimson, under the name of "Menheddy Beauty." This received the full number of votes and was certificated. O. B. Coombs, Queens, N. Y., exhibited a number of blooms under the name of "Miss Helen Gould." The committee disqualified this exhibit on the grounds that the variety was already known under the name of "Uncertainty." It also has the following synonyms: "Mary Eustace," "Floral Park Jewel," and "Miss Roth." Their decision was that the variety was simply a light-colored form of "Uncertainty," and that the chances would be that the stock would revert back to the deeper color by which "Uncertainty" is known; hence the variety was refused recognition.

The following dahlias have been registered by the American Dahlia Society:

SALMON QUEEN—(Peacock.) (Introduced by W. Atlee Burpee Co.) Decorative. Height, 3½ feet. Strong, vigorous, bushy grower; flowers very large, of a glowing salmon color, deepening to a rich orange salmon toward the center; petals long pointed. Entirely distinct in color and form.

HARLEQUIN — (Bassett.) (Introduced by W. Atlee Burpee Co.) Dwarf fancy. Plant, dwarf branching, with long slender stems; height, 2 feet. flowers small to medium size, a brilliant crimson color, with distinct white stripe running through each petal; white stripe sometimes becomes suffused with pink and sometimes flowers are solid crimson; an extremely profuse bloomer. An acquisition.

JAMES W. WITHERS,
Secretary.

THE GALVESTON FLORISTS.

Editor Florists' Review: In accordance with your advice in your last issue the Galveston florists have had a meeting and concluded to bring their matter before the Chicago Florists' Club and the S. A. F., believing that in that way they will achieve better results and be speediest relieved from their unfortunate position. Mr. J. D. Pruessner was elected chairman and Mr. F. G. Laeverenz secretary of the temporary organization. A corrected schedule of losses was adopted which you will find below. We have eliminated all losses not having a direct connection with the florists' business, such as clothing, furniture, dwelling, etc., because we think that as long as we can secure sufficient financial aid to put up our houses and bring them in good repair we are perfectly willing to start life new and hustle for the balance. We would kindly ask of you to forward any contributions which you may receive to Messrs. Sealy, Hutchings & Co., bankers, who will place same to the credit of the Galveston Florists' Fund on request. Any communication otherwise addressed to either chairman or secretary of the Galveston Florists will receive proper attention.

The florists of the nation know pretty well by now in what fix we are and will no doubt try to assist us to some extent, however small, to get on our feet again. The florists of Galveston, one and all, thank you very much for the valuable space which you have allotted them in your valuable paper and for the interest which you have so kindly displayed on our behalf and any favor which you may in future extend us will be warmly appreciated.

Estimate of Losses.

J. C. Wise	$ 250
Mrs. L. Harris	750
Paul Poppe	1,600
Steding Bros.	1,500
Mrs. Chas. Eikholt	1,300
Otto Fehrlin	3,500
Mrs. J. Maurer	1,000
Olaf Olsen	800
F. G. Laeverenz (Acme Nursery)	1,500
J. D. Pruessner	5,900
Total to date	$18,100

THE GALVESTON FLORISTS,
F. G. Laeverenz, Sec'y.

ASPARAGUS PLUMOSUS.

Propagating Asparagus plumosus nanus from the shoots is more difficult than raising plants from seed, but if successful it is quicker and makes stronger plants than seedlings.

Build a sweat box 20 feet long on your propagating bed, clean the bench bottom thoroughly, apply a coat of lime wash to which sulphur has been added and allow it to become quite dry. Put in a layer of clean sand three inches deep, press down lightly and make smooth and even. Cut ripe

shoots from the asparagus, rejecting any that are old and hard or that are young and unripe. Make a cut under each knot or eye. Take a piece of wood half as thick as a match and ¼ of an inch long and push it into the cut up to the eye. Place the shoots in rows close together in the sweat box and when the box is full put a half inch layer of sand on top of them. Give a thorough watering through a fine rose on your sprinkling can. Have the sweat box closed all around and with the necessary heat from below. It requires a heat of 80 degrees in the box.

Give a light syringing twice a day and a good watering every three or four days. In three or four weeks you will see little green tips coming up. Now begin to give the sweat box a little air and reduce the heat to 75 degrees. When the little tips are an inch or two high they will have made nice roots below. Prepare a soil composed of loam, leaf mould, sand and a little clay, sifting the ingredients together through a fine sieve. Carefully lift the runners out of the sand in the sweat box, cut the young shoots from the old ones and plant in the prepared soil above described.

PAUL KOPANKA.

GLADIOLI.

But a few years ago will we have to look back to recall in our mother's garden the gladioli bed, with scarcely any other than the old common red varieties, with insignificant flowers, which to her and to us were a source of much pleasure and satisfaction. But look at a modern gladioli garden of to-day. Scarcely any color or combination of colors can be imagined which are not displayed in this flower. The size of the bloom has also been increased until it would seem almost impossible to improve in this direction, and yet year after year this is accomplished.

The constitution of the bulb, too, is being strengthened, which is quite necessary, owing to the diversified soils into which it is transferred from the originator. These characteristics, the improvement of which are most essential, are, in the hands of Mr. H. H. Groff, of Simcoe, Ontario, being strengthened to such an extent that in his productions it is almost impossible to find one single creation which is not superior to its parents, and every one, too, worthy of a name. The varieties and combinations of colors of superior flowers, however, are becoming so numerous that it is folly to think of naming them, and I am quite satisfied to be the possessor of a collection, every one of which will evoke the question, "What is its name?"

I have long since learned that it is just as cheap to grow the best gladioli as to be satisfied with the old and common varieties; therefore it has been my constant aim to try and secure the best. If this principle were followed by your readers I would guarantee them in a short time none of the old type of flowers would remain in their garden, the space being considered too valuable for them to occupy.

ARTHUR COWEE.

Berlin, N. Y.

TREATMENT OF CARNATION BLOOMS.

In last week's issue of "another paper," W. N. Rudd says, the advice given in "another paper" recommending the temperature of 40 degrees, after cutting, is wrong. He does not beat about the bush at all or make any allowance that the other party may know what he is talking about, too. If it is wrong, then I am afraid more of us are wrong than right. Having tried every possible way to keep carnations, I find a temperature of 40 to 43 degrees in a dry, sweet cellar, without ice, the best. They will keep there for a week, and look better and larger than at first, but they would not be fit to sell to a retailer, for they would go to sleep very soon after they were brought into a warm room.

I maintain that after carnations have been placed in water for 15 or 30 hours in a room where the temperature is from 50 to 60 degrees, as Mr. Rudd recommends, they are not fit to place on the market to be sold as fresh stock. I further maintain that carnations stored in a sweet, dry temperature of 40 to 43 degrees for 12 hours, are fit to be shipped on a two or three days' journey, and still be in good condition for sale. Keeping qualities being a very important feature of the carnation, I would like to hear the opinion of others, not having seen the article referred to by Mr. Rudd.

M.

PHILADELPHIA.

The Market.

The cut flower market during the first week in October was fairly active. The quality of the stock is not equal to that of last season at the same time and prices are lower than then. This is easily explained by the week of warm, rainy weather, with its effect on both stock and demand. Last October brought killing frost during the first week and brisk demand at good prices set in at once.

Beauties are about the same as quoted last, except that as the supply increases prices sag a little on dull days. Brides and Maids bring $3, many fair lots go at $1.50 and $2. Kaiserins bring $3 to $5. Carnations are rather scarce at 50 to 75 cents a 100; occasionally a few that bring more are seen. Some good valley is coming in, forced for the month's weddings.

The first chrysanthemums have made their appearance, one week later than last year. Very few early chrysanthemums are grown here now; they are not wanted, except for an occasional wedding or tea. It is safe to say that they rarely pay a fair profit near this city when flowered before the latter part of this month; some growers say they should not bloom before Thanksgiving.

The extraordinary darkness of the past week (only two half-days of sunshine), combined with the heat and humidity, was very bad for roses. A soft, weak growth was encouraged, which makes a bad foundation for the winter's work. Carnations and violets, on the other hand, lately lifted, reveled in the moisture, making new roots rapidly, with no drain on their strength from the rays of the sun.

The Carnation Grower.

Philadelphia and Montgomery counties possess very few wholesale carnation growers now. The general florist who retails most of his product grows them still, and always will grow them, but Lancaster, Chester and Delaware counties produce the bulk of our carnations.

It is said that the reason for this migration of the divine flower is that the air is purer far from the smoke of the city. It is probable, however, that the cheaper taxes and labor have more to do with the change. This change has come with wonderful rapidity. Five years ago nearly all the large growers near town had carnations, some of them quite a number of houses. In most places they appear to flourish. One by one they have dropped carnations entirely, until now there are only one or two places where these plants are grown in their old-time glory.

It is an accepted axiom that unless a grower does a good business in rooted cuttings, carnations do not pay here. This, put into plain English, means that the out-of-town growers have driven their less distant brethren out of the market.

Delay of Bulb Imports.

A great deal of annoyance has been experienced this fall by those local firms whose imports came through the New York custom house. The general appraisers of that city suspect undervaluation, and the delays in consequence of their investigations have been serious. It seems that all our importers do not use the Hamburg-American line of steamers sailing between this port and Hamburg. It is much more satisfactory.

Club Meeting.

At the October meeting of the Florists' Club the old officers were reelected to serve another year. They were: W. K. Harris, Pres.; John Westcott, Vice-Pres.; Edwin Lons-



Field of Gladioli at the "Meadowvale Farm," Berlin, N. Y., Arthur Cowee, Proprietor.

dale, Secy.; J. W. Colflesh, Treas. Robert Kift repeated for the benefit of members and invited guests the illustrated lecture on floral arrangement, delivered at the New York convention of the S. A. F. PHIL.

NEW YORK.

Club Meeting.

Though it rained heavens hard on Monday night there was a very fair attendance at the club meeting. The ways and means committee reported on the financial transactions of the S. A. F. convention, showing that a good-sized balance will be left after all bills are paid. President O'Mara suggested that the club hold a special meeting two weeks from that night for the purpose of settling up whatever outstanding accounts there may be in connection with the trade exhibit at the recent convention. Mr. O'Mara also suggested that the club pay the transportation bills incurred by private gardeners at the horticultural exhibition held during the convention; a motion was passed to that effect.

The president then spoke of the great need for a grand annual horticultural exhibition in New York, and after some interesting discussion it was decided to appoint a standing committee to attend to the possibilities of holding a show next year. Mr. Henshaw said the buildings and grounds of the New York Botanical Gardens would be placed at the club's disposal for a horticultural show; the use of the buildings would cost the club nothing, but he thought the admission would have to be free. Mr. W. A. Manda spoke in favor of holding the show at the gardens; he said he attended a lecture given at the opening of the Museum there and he considered it was one of the best meetings he ever attended. The whole matter will be left to the committee.

Bobbink & Atkins, Rutherford, N. J., made a splendid exhibit of dahlias. They were of all types; the blooms were fine. Some new French pompons were very handsome. A cultural certificate was awarded the exhibit. A. L. Miller, Brooklyn, N. Y., showed several vases of his fine white dahlia Cammeliaflora, which was awarded honorable mention, the variety having previously been certificated by the club. H. Beaulieu exhibited some very promising seedling dahlias, which also received the commendations of the club. The house and entertainment committee, with Messrs. Marshall and Cleary as chief dispensers, did good work during the meeting.

Mr. Ward presented the club with the press clippings describing the club's achievements at the convention; they will be arranged in the history of the club. Mr. Ward was thanked for his work as chairman of the press committee.

Messrs. Burns, Young, Weathered, Stewart and Troy were appointed a committee to draw up and send to William Plumb, ex-president of the club, who has recently returned to England to reside there permanently, the regards and appreciation of the club for the vast services he rendered that body. Several new members were elected and others nominated.

Mr. Manda said he had just returned from Buffalo, and said he was surprised at the enormous amount of work done in preparation for the Pan-American Exposition. He thought that the plans of the horticultural section, if carried out, would insure a better display than that of the World's Fair. He thought New York should lead the country in an annual show. Mr. John Morris remarked that the word "Pan," especially "Panhandler," was misleading, particularly as interpreted in the Bowery and other places, and he thought the word "All" was much more applicable and would have been better understood in this country.

Mr. Samuel Henshaw, head gardener New York Botanical Gardens, then gave an illustrated lecture on the West Indian Islands, Porto Rico especially. The flora of the islands was most beautifully shown by colored plates prepared by Mr. and Mrs. C. Van Brunt, the noted floral photographers. Mr. Henshaw handled the subject in a very entertaining manner. He visited Porto Rico in the interests of the New York Botanical Gardens, and traveled the island in search of specimens. He said the possibilities of Porto Rico as a fruit-producing country were practically unlimited. The climate was grand and the scenery magnificent. Avenues of cocoanut trees there were common. He related many humorous anecdotes which elicited much merriment from those present. Mr. Henshaw showed some 80 views of the scenery and flora of the island, and though those portraying the habits and buildings of the natives were very interesting, the greatest interest was shown when the beautiful plants and flora were displayed. The wholesalers present turned away their heads when orchids, etc., were shown growing in wild profusion (they are in profusion in 28th street just at present). The lecture was a very good one and much appreciated by those attending. The usual vote of thanks was given Mr. Henshaw.

Bowling.

The bowlers held a meeting on Monday night and elected John Thielman, president; W. Marshall, vice-president; A. Burns, treasurer; T. Lang, secretary, and F. Traendly, captain. Messrs. Traendly, Burns and Lang were appointed a committee to secure alleys. A vote of thanks was awarded Mr. T. Roehrs for the way he worked at the national tournament. The Bowlers meet again on call of the secretary.

The Market.

Market conditions are wretched, disgustingly so, according to dealers,

both retail and wholesale. Roses are poor, short, soft, mildewed, and plentiful—yes, oh, so cheap—and cattleyas abound; they are selling as low as 15 cents, so they tell us. Violets are very plentiful and bring only about half what they did at this time last year.

Joseph A. Manda reports good trade



John P. Weiland.

at the store he recently opened for the sale of cut flowers, seeds and bulbs, and general supplies, at Summit, N. J. Joe deserves to get along and has the good wishes of his many friends.

Flatbush.

The Flatbushers had a jolly time on their new alleys on Thursday night. The alleys, eight in number, have just been finished; their newness may account for the small scores made; however, the crowd had lots of fun, as usual. They will bowl every Thursday night. The scores were:

E. Dailledouze,	143	113	Raynor.....	140	119
Riley.....	176	151	Schmutz.....	126	123
Alf. Zeller.....	132	136	Mellis.....	141	130
P. Dailledouze,	126	103	Wocker.....	88	99
H. Dailledouze,	165	130	Woerner.....	103	77
Papa Zeller....	63	101	Farman.....	98	99
Stewart.....	146	130	Ford.....	110	89
Langjahr.....	81	89	Welsing.....	75	87
Butterfield	88	120	Thinnes.....	...	114

J. I. D.

CHICAGO.

The Market.

Shipping trade continues fair to good, but there are complaints as to local demand. The effect of the very hot weather of last week is seen in the quality of much of the stock. It is particularly noticeable in the carnations, and some growers fear for the effect on roses, too, saying it induced a soft growth that will make a poor foundation for winter work. It is cool enough now, and there was a light frost last Monday night, though we are still awaiting a real killing frost. Many of the people who buy flowers are still lingering on the golf links in the country. Prices have not changed materially from last week. Quotations appear in several advertisements in this issue.

The carnation is essentially a cold weather flower and it cannot be expected that flowers from young plants that have been through the recent heated term will prove first class shippers. For this reason Bassett & Washburn are holding back on their fancy sorts until better conditions prevail.

The cut of flowers to be marketed at this point the coming season will be very considerably larger than that of last year. Good judges say the increase will amount to 25 per cent in roses and much more than that in carnations. In fact the number of carnations planted is enormous. Whether the market will be able to absorb them all with profit to the growers remains to be demonstrated.

McKellar & Winterson are receiving large shipments of Cattleya labiata from the east, and some very fine Princess of Wales violets from a local grower.

Club Meeting.

At the last meeting of the Florists' Club five new members were elected as follows: H. N. Bruns, Otto Wittbold, Louis Wittbold, John Hoeft, Aug. Jurgens.

The committee on Galveston fund made a report of progress, showing subscriptions amounting to $117.74 so far. The report was received and the committee continued. The officers of the club were instructed to attend to the forwarding of the fund when completed and to use their judgment as to the manner of its disposition.

A committee consisting of Messrs. P. J. Hauswirth, W. J. Smyth and C. A. Samuelson was appointed to see if the Horticultural Society would not give the club the privilege of the flower booth at the coming show, the entire returns from sales to be contributed to the Galveston fund, and to conduct the booth in case the arrangement was made.

Mr. W. N. Rudd was appointed a committee of one with himself as chairman to arrange for an annual banquet that would exactly meet his ideas of what a banquet should be. A gorgeous affair is anticipated.

The discussions on ferns for fern dishes, and tulips, hyacinths, etc., were very interesting and are fully reported elsewhere in this issue. Mr. Wilson being unable to be present the paper on Boston ferns was postponed.

During the evening Charley Balluff performed a feat (or hand, rather) that took the cake. But, alas, it didn't stick, though he got the plate in one run.

At the next meeting (Oct. 19) a paper on violets will be read by Ernest Weber and the annual election of officers will take place.

Various Items.

O. J. Friedman's ice box is lined with white tiles and is so large that one can step into it. When the door is opened the incandescent lights inside are turned on automatically and when the door is closed the circuit is cut off.

Wilson Tiplady has gone to Terre Haute, Ind., to take charge of the retail store of the M. A. Hunt Floral Co.

For tips on ways and means of killing the "red violet" industry apply to Joe Craig at any time between the hours of 5:30 a. m. and 12:30 p. m.

During his recent trip through states east of us Mr. C. L. Washburn says he saw enough Boston ferns to supply the world. He is inclined to think this good thing will be overdone this season.

Herbert Heller, of New Castle, Ind., was in town last Tuesday.

Brant & Noe, of Forest Glen, have opened a wholesale store in Minneapolis for the sale of their stock.

The regular quarterly meeting of the Horticultural Society was held at the Sherman House last Tuesday afternoon. Several new members were elected and a good deal of business



John P. Risch.

connected with the coming exhibition was brought up and referred to the respective committees.

There is a project on foot to convert eight miles of the valley of the Desplaines river, about two miles wide, stretching from North Ave. to

Thirty-first St., into a natural park and connecting it with the existing park system.

Bowling.

At the meeting of the Bowling Club held last Friday evening it was decided to join the Anson League, and President Hauswirth and Captain Winterson were authorized to act on behalf of the club in the matter. Steps were taken to keep the bowlers in good form during the year in order that what escaped in New York may be gathered in at Buffalo.

At the first series played by the clubs in the Anson League last Monday night the boys were honored by being pitted against the "All Stars" team, generally admitted to be the strongest team in the west, and they won the first game from the great astronomical aggregation by fourteen pins. And they came within seventeen pins of getting another one, too. The excitement on the alleys was intense and there was a host of spectators attracted by the hot games. Following are the scores made by the florists:

				Av.
E. F. Winterson	181	166	178	175
Jno. Degnan	130	171	...	150
Geo. Asmus	...	...	189	189
P. J. Hauswirth	173	170	137	160
C. Balluff	208	181	154	180
G. Stollery	193	158	179	176

BOSTON.

Market Conditions.

We cannot boom the business on this end of the route so long as this weather continues. The weather bureau, Old Sol, Old Prob., Boreas, Jack Frost and Dame Nature have formed a trust to ruin prices. True the combination has frowned once or twice upon us, but smiled again so soon that blossoms of glass-grown products have been and still are tumbling over each other to get off the plants. There is a great abundance of good roses coming, all hands—street and all, being supplied at customer's prices with many inferior ones left that will not move at all. Good red ones have been selling very well, as they have not been so plentiful. Carnations are cleaning up well enough at fair prices and outdoor goods are getting tired. Single violets getting more plentiful and quite a few double ones appeared upon Oct. 6, prices on both kinds running from 25 to 50 cents per 100.



Partial View of the Greenhouses of Weiland & Risch, Evanston, Ill.

WEILAND & RISCH.

One of the later additions to the ranks of the growers of cut flowers for the Chicago market is the firm of Weiland & Risch who started about two years ago with a range of glass at Evanston. Additions made this summer bring their glass surface up to over 100,000 square feet and they are cutting some excellent stock. The American Beauty rose is a leader with them and they have 12,000 plants benched for this season. Other roses grown are Golden Gate, Liberty, Bride, Maid and Kaiserin. They have also gone into fancy carnations quite heavily and have all the best new sorts.

They have a city store at 59 Wabash Ave., where Mr. Risch presides, while Mr. Weiland is in charge at the greenhouses. These young men are progressive and are developing quite a business in the shipping line as well as locally.

We present herewith portraits of the members of this firm and a partial view of the greenhouses at Evanston.

Notes.

Upon Oct. 3, T. Roland brought in the first colored chrysanthemums—pink and yellow, white ones being considered common. S. J. Goddard is pulling hard upon some red ones in order to be first with that color.

Tuohy, The Florist (2nd edition), of So. Boston, has put up the bravest display of window cards, based upon large photos of himself, ever seen in the trade here. They are bold designs so skilfully executed that they are worth a trip over into that bailiwick to see.

What's In a Name.

A study of the situation under Park Street Church reveals some interesting fancies, if not facts. Among the frequenters of the place are representatives of every nation and tribe, and every grade of civilization and uncivilization, from the jungle-wild chimpanzee to the intelligent, enlightened, educated, refined and rectified Caucasian, but the Danes, Scotts and Welchmen are the only ones to send suitable titled representatives.

The different races do better, sending Black, Brown, White, Gray and Green. A whole Mann is utilized in some cases, but in others a Head or a Foote is deemed sufficient. Some are Small, but one Chapin question is a Thrasher. In shape some are Long, others wish to Roland are shaped like a Boll.

Kings and Knights fraternize with Cartwrights, Fisher-men, Millers and other workmen on equal terms; wives and daughters are numerous, but with only one Husband in regular attendance. Among the sons may be named Anderson, Johnson, Nicholson, Wilson, Christenson, Patterson, Nelson and Hudson.

They arrive by different methods, many having Rodden, several with Richwagens. A few are Wheelers and others Walkers.

The military profession presents such names as Washington, Arnold, Montgomery, Ward and Lee; Hanna and Pierce are our only statesmen, while Nelson, Foote, Coburn and Hudson remind us of the glories of the sea. Holmes and Burns are the only poets. All are Haley Fellows well met, being sometimes a little Rough, but mainly use the argument of Love.

One salesman has a Piercing way, another a Painful one; a third sports and Ayer-y manner; things Simm-er at stall No. 21. and take a Knapp at No. 4.

A number of the salesmen are good Kidders, one being quite A. Roper, and all sorts of Capers are indulged in to Duly impress a customer or Delay another's sale. I. Dana who handles the roses at stall No. 115, but there is a Man-ter do it.

The customer is confronted with a Derringer at one stall; another Dinsmore than the rest, and another expects the biggest Fee. If anyone needs more than one stall one Wood think Elliott to have two.

We had both Snow and Frost, Summer and Winter, until about a year ago, and can still boast a Lake which is not surrounded by land and is not necessarily always filled with water. We are devoid of Brooks, Ponds and Rivers, But I may as well write again Astell you all at this time, so the Lassman I will mention is the salesman at stall No. 66. B. T.

IF YOU have any surplus stock to offer to the trade remember that you can sell it most quickly and cheaply through an offer in the Review's Classified Plant Advs.

ST. LOUIS.

The Market.

There is a general improvement in business downtown, as well as in the West End, and everybody feels that the trade will keep up now for good. Although the weather during the day is warm, the cool nights have made a great improvement in the stock. The expected increase in trade on the day of the "Veiled Prophets" ball was realized. Beauties were the main flowers called for. Meteors and pink carnations also were good sellers for use at the ball.

The rose stock is about the same as reported last week, the bulk of the stock being Bridesmaids, the price of which went as low as 50 cents per 100 for the short-stemmed stuff. Other roses, such as Meteors, Brides, Perles and Golden Gates, are in good demand, and prices range from $2 to $5 per 100 for the best. Beauties have advanced some; $3 is being asked for the best, and from that down to 50 cents per dozen.

Carnations, too, are showing an improvement over last week, both in quality and quantity, and some very fine blooms of the newer varieties can be seen. Prices range from 75 cents to $1.50 per 100.

Chrysanthemums have not shown themselves as yet, but it won't be long before southern 'mums come in.

Notes.

Visitors the past week were Mr. and Mrs. H. O. Clendenin, of Sparta, Ill.; J. D. Carmody, of Evansville, Ind.; Mr. and Mrs. T. J. Wright, of Pittsburg, Kan.; C. W. Scott, of Chicago, and J. F. Ammann, of Edwardsville, Ill.

August Schuerman left for Fort Smith, Ark., to make a large decoration at that place.

Mrs. M. M. Ayres, who has been quite ill the past week, is slowly improving.

At the next meeting of the club quite a number of applications for membership will be presented. Among them are Theo. Miller, Mrs. M. M. Ayers, Joe W. North, Walter Krauswick, August Schuerman, Chris. S. Eichhorn and F. W. Maas.

Theodore Miller, who opened his place at Delmar and Euclid avenues last week, reports business good and improving each day. Mr. Miller's place is very attractive and the location good. Miss Jennie Repeto is in charge of the cut flower department.

Joe North reports a brisk business in funeral work. Joe has been cutting some very fair flowers of late.

John W. Kunz, our old sport, is keeping rather quiet of late, but his friends claim that he will be back in harness soon. We hope so.

Charlie Schoenle, the Washington avenue florist, while decorating the executive mansion at Jefferson City, fell from the ladder and sustained a broken ankle.

Floral Display at the St. Louis Fair.

Horticultural and Floral Hall was crowded and the floral display was grand. The following prizes were awarded:

For best, largest and most tastefully arranged collection of greenhouse and hothouse plants—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best pair of hanging baskets of plants—1st, C. Young & Sons Co.; 2d, Wm. Schray.

For best collection Rex begonia—1st, C. Young & Sons Co.; 2d, Wm. Schray.

For best collection of named geraniums—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best collections of palms—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best single palm—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best single specimen plant of any kind—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best collection of ferns—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best collection of colored foliage plants, arranged so as to produce the greatest contrast of colors—1st, C. Young & Sons Co.; 2d, Wm. Schray.

For the best twelve roses in bloom, four varieties—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best collection of twenty-five blooming plants for house decoration, not more than three varieties—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best and largest collection of cacti—1st, A. G. Griener; 2d, Wm. Siebert; 3d, H. W. Pilgrim.

For best floral designs, two pieces; one funeral and one festival emblem—1st, Ellison & Tesson; 2d, C. Young & Sons Co.

For best basket of flowers—1st, C. Young & Sons Co.; 2d, Ellison & Tesson.

For best and most artistically arranged display of cut roses—1st, Ellison & Tesson; 2d, C. Young & Sons Co.; 3d, Wm. Schray.

For best table decoration, plants used in connection with cut flowers if desired—1st, Ellison & Tesson; 2d, C. Young & Sons Co.

For largest, best and most artistically arranged collection of cut flowers of any kind, except roses, all to be properly labeled—1st, Wm. Schray; 2d, C. Young & Sons Co.

For best pair of parlor bouquets—1st, C. Young & Sons Co.; 2d, Ellison & Tesson.

For best collection of carnations—1st, Ellison & Tesson; 2d, C. Young & Sons Co.

For best ladies' bouquet—1st, Ellison & Tesson; 2d, C. Young & Sons Co.

Max Herzog acted as judge and his work was done well.

Bowling.

Six members of the bowling club rolled Monday night. C. W. Scott and Theo. Miller were our visitors and rolled a few games with us. Mr. Miller is a new hand at the game, but likes the sport and will become a member of the club next Monday night. The scores were as follows:

					Ttl.	Av.
C. A. Kuehn	221	143	159	193	716	179
F. C. Weber	156	188	159	123	626	157
J. J. Beneke	157	117	144	...	418	140
Wm. Adels	135	135	161	138	539	135
C. C. Sanders	101	175	122	...	398	132
John Young	119	130	104	135	488	122
C. W. Scott	122	81	98	...	301	100
Theo. Miller	49	121	74	...	244	81

J. J. B.

THE SEED TRADE.

A report on the development of the seed trade in America has been issued by the Department of Agriculture at Washington.

According to this report the first sale of seeds in this country of which any trace can be found was made in Newport, R. I., in 1763. The merchant making it was named Nathaniel Bird, and he was a book dealer. At the outset Mr. Bird confined his attention to onion seeds, his supply having been secured through importations from London, England. In 1765 hemp and flax seed were advertised for sale in New York, and in the following year the advertisements included a general assortment of garden seeds. In 1767 there were six seed dealers in Boston, Boston at that time being a much more important trade center than New York. In 1768 one Boston dealer advertised fifty-six varieties of seeds for sale. He did a wholesale as well as a retail business.

The first farm specially devoted to the raising of seeds was started at Philadelphia in 1784, though prior to that time farmers had been devoting more or less attention to the cultivation of plants, specially for the purpose of saving the seed. The Shakers were the pioneers in this line, and Shakers' wagons going through the country peddling seeds were quite a common sight. By the end of the century there were three farms in the country specially devoted to the raising of seeds, though the acreage of the whole was rather limited. At the beginning of the civil war the country was still largely dependent upon its importations for its seed supplies, but since the close of the war the development of seed farms has been phenomenal. By the census taken in 1890 it is shown that there were then 596 seed farms in the country, with an aggregate acreage of 169,850, and there has been quite a growth in the last ten years. It is claimed that 100,000 acres are now devoted to the cultivation of peas for seed alone.

MILWAUKEE.

The Market.

The writer has somewhat neglected his duty, or Milwaukee, in the Review columns the past few weeks. The trade was too busy to give out any news.

Growers hustled in their outdoor stock, as a slight touch of frost last week warned them that it was time.

No building to speak of was done this summer, but improvements were made in the quality of stock to be grown. A few of the enterprising growers discarded most of their old varieties of roses and carnations which were new ones a decade ago, and have put in such varieties as Liberty, Golden Gate, Pink Pearl, etc., in roses, in addition to the standard Brides and Maids, and in carnations, Mrs. Thos. W. Lawson, Ethel Crocker, Melba, Crane, Estelle, Bradt, Wood and Flora Hill can be seen in fair quantities.

The weather caused the market to be extremely fluctuating the past two weeks. Cold and hot waves followed each other in such rapid succession that the supply was very irregular. Asters held out longer than usual, much to the discomfort of white carnations. Violets have made their appearance, but are as yet too small to tempt the buyer to speculate. Trade

is improving as cooler weather sets in and shipping orders are coming in more freely.

Notes.

W. A. Kennedy purchased several acres of land, and claims that it was for investment purposes only, but it is presumed he has a few glass houses in his vision for next summer.

Wm. Edelfsen, with a party of seven, has just returned from the north, having gone there in quest of muskalonge, and, as Mr. Edelfsen claims it, he was the only lucky one in the party—all the rest were contented with the small fry.

Some of the members of the craft who have bowling aspirations entered a team in the Milwaukee Ten Pin League under the name of "Bloomers," wishing to stay as near to a representative florist team as possible. The Bloomers will probably be heard from in their official capacity when Chicago or Oconomowoc teams are looking for a good game.

The body of Henry Nebin was found undressed in bed at the Park Hotel, while two gas jets in the room were wide open and the room filled with gas. Nebin had a letter in his pocket recommending him as a gardener, signed by the superintendent of the Oakwood Cemetery Association, Chicago. Nebin came to Milwaukee Sept. 1, and on Sept. 16 pawned a watch for $2.20. It was supposed that he committed suicide while despondent.

GEO W.

FOREIGN NOTES.

Mr. James Hartshorne, Joliet, Ill., who recently returned from an European trip, says the display of outdoor bedding at the Paris exposition was very meager and that when he visited the horticultural building it was empty and workmen were turning over the soil. He supposes that periodical displays were made in the building and that the time of his visit was between displays, but he was surprised that there were no permanent groups of palms and like decorative plants. There were no large beds of plants such as we had at the World's Fair here, and though he had a camera he saw nothing in the horticultural department that seemed worth taking a picture of.

In England large beds of plants are not seen, mixed beds and borders being most popular, and groups of fine specimens are largely used. Tuberous begonias are frequently seen and a bed that struck him as particularly attractive was of tuberous begonias interspersed with grevilleas, the latter about two feet tall and about eighteen inches apart in the bed. The effect was excellent and the grevilleas no doubt supplied partial shade that was beneficial to the begonias.

EXPRESS SERVICE.

A number of interurban electric roads are beginning to carry express matter, and the rapid increase in the business is attracting notice. In Cleveland a special street railway express company has for some time been conducting its business with marked success and a similar company is operating in Connecticut. On Sept. 1 the Southern Ohio Traction Co. began running special express cars between Dayton and Cincinnati, and no doubt other lines will follow.

Quicker and more frequent express service from suburban points into the large cities is of very great importance to growers of cut flowers and the electric roads who put on express cars will no doubt find liberal patrons in the growers their lines reach, provided, of course, that charges are not excessive.

And what a saving and advantage it would be if electric express cars would deliver the grower's product direct to the doors of the wholesalers in 28th St., New York, or at Wabash Ave. and Randolph Sts., Chicago. It would certainly be a vast improvement over having the boxes tumbled from the express car to an express wagon and then shaken up by a trip over the stone pavements.

WASHINGTON, D. C.—F. H. Kramer, the florist, and his wife, were painfully injured in a collision of vehicles on Long Bridge the night of Sept. 27. While on the bridge in a light rig a runaway team behind them locked wheels and threw them out with great force. Both were bruised and lacerated, but an examination at the hospital showed that their injuries were fortunately not serious. Their horse was so badly hurt it is expected to die.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman, by a first-class florist, well up in the florist business; single man. Address E. H., care Florists' Review.

WANTED—Competent and experienced decorator; also maker-up. Address, with reference, salary and full particulars, Z D Blackistone, 14th and H Sts, N W. Washington, D. C.

WANTED—Man with small capital to take half interest in greenhouse; no competition. Address Walter Bollet, Ponco City, O. T.

SITUATION WANTED—By practical man, age 30, single as gardener in private place, park or cemetery Competent to take charge. Address Trebor, care Florists' Review.

FOR SALE—One No. 3 Hitchings heater, complete; one Hitchings low tank and cover, never been used; cost $66 75; will sell cheap. E. E. Campbell, Harrison, Ohio.

FOR SALE—Some extra good second-hand 3 inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H Salter, Rochester, N. Y.

FOR RENT—On shares or cash, greenhouse plant in Iowa in full operation. For particulars address Iowa, care Florists' Review.

WANTED—A medium sized hot water boiler, in good condition. Send description and price to L. E. Hitz, Madison, Ind.

WANTED! Two young men for rose and carnation houses.....

F. BURKI, Washington Avenue, Bellevue, Pa.

FOREMAN WANTED

For Range of 175,000 square feet of glass.

Must be a man of unquestioned ability and character, and an up-to-date grower, accustomed to handling men where roses, carnations, mums, palms ferns, bulbous and bedding stock is grown. Permanent position for right party

J. F. WILCOX, Council Bluffs, Ia.

FOR SALE. THE McKellar Floral Establishment AT CHILLICOTHE, OHIO.

Consisting of 1.16 acres land, located inside the city limits, on which are located thirteen greenhouses, all in first-class condition, and well stocked with roses, carnations, palms and general line of potted plants of all kinds. Natural gas fuel, steam heating apparatus throughout; four acres additional adjoining property if more required; divided to suit. Business established over forty years. This is the best floral establishment in southern Ohio. Population of Chillicothe is 15,000. For further particulars address

SILAS F. GARRETT, Executor Chillicothe, Ohio, or CHAS. W. McKELLAR, 47 Wabash Ave., Chicago.

VIOLETS WANTED

I want to arrange with some good grower for a regular supply of violets for the season. Want 1,000 every day except Saturday, and 2,500 on Saturday. Only finest quality stock considered. Cash settlement every 15 days. If you can supply the stock wanted, delivered to my store in Chicago, address for further details,

M. A. X., care Florists' Review.

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

OMAHA.

The way trade is improving in Omaha is certainly very gratifying. The last two weeks, including Ak Sar Ben week, stock has been sold right up to the limit.

Ak Sar Ben week, especially, was good, with the country people buying plants and the grand ball on Friday, for which Beauties were in great demand. After they were gone people took anything they could lay their hands on. One store, after the day's sales, had two measley roses left to tell the tale.

The variable weather has made the stock quite scarce, making an occasional shipment from elsewhere necessary.

Beauties have fallen off to an extent, but promise to come in better shape soon. Other roses, Golden Gates in particular, are making a steady improvement. Carnations are getting good and some are of good length. Crane and Jubilee have the lead at present, with Hill next.

The cool nights have brought the violets into shape and some good blooms are seen.

A. Donaghue, Jr., is showing some very good Golden Gates.

Peterson Bros. are cutting a number of very good Brides. J. H. B.

TOLEDO, O.

A new organization has been formed at the Lincoln Club, which ought to give a new boom to the carnation industry. It is to be called the "Pink Carnation Club," and out of compliment to Mr. McKinley, whose favorite flower is said to be the pink carnation, the members of the club propose to wear a specimen of this beauty ever day until the presidential election.

Mr. and Mrs. O. E. Schmidt, who a few months ago leased their East Broadway greenhouse property to Mr. Theo. Helbing, this week brought suit in ejectment against the lessee claiming violation of contract. The defendant claims that the owners merely want to get possession of the greenhouses to run it themselves, and propose to fight the matter to a finish.

The Kruger Bros., of the East Side, have made a substantial addition to their plant in the shape of a roomy new house, which they will fill with chrysanthemums.

Mr. Schramm, the Cherry street florist, has just completed successfully the difficult feat of lowering the brick wall of his main house 18 inches.

Mrs. H. A. Mills, who was taken violently ill at a meeting of her society a few evenings ago, is recovering slowly. B.

KALAMAZOO, MICH.—Calvin Rice, formerly with Van Bochove Bros., has gone to Minneapolis to take charge of the wholesale store recently opened there by Brant & Noe.

WEILAND - AND - RISCH

WE SOLICIT A TRIAL ORDER....

GROWERS and SHIPPERS,

59 WABASH AVE. CHICAGO.

American Beauty,	Per dozen.
36-in. stems	$3.00
30 "	2.50
24 "	2.00
20 "	1.50
15 "	1.25
12 "	1.00
short stems	50c to .75
Carnations standards.	per 100, 1.00
Select fancy	" 1.50
Valley	per 100, $4 to 5.00
Cattleyas	per doz., 6.00
Violets	.50 to 1.00

ROSES	Per 100
Liberty	$3 00 to $5.00
Golden Gate	3.00 to 5.00
Brides	2.00 to 4 00
Maids	2.00 to 4 00
Meteors	3.00 to 4 00
Kaiserin	4.00 to 6.00
Perles	2.00 to 4.00
Seconds	2.00
Asparagus	per string, 50
Smilax	per doz., 1 50
Lilies	" 1.50
Adiantum	per 100, .75

Wild Smilax, Parlor brand, per case, $3.25; medium, $4.25; large, $5.50

WE GROW ALL OUR OWN FLOWERS AND GUARANTEE THEIR FRESHNESS.

ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

WHOLESALE FLORISTS

Mention The Review when you write.

BENTHEY & CO.,

F. F. BENTHEY, Mgr.

WHOLESALE and COMMISSION FLORISTS,

Consignments Solicited. 41 Randolph St., CHICAGO.

ROSES.

A. Beauties, long	per doz.,	$2.00 to	$3.00
" medium	"	1.00 to	1.50
" short	"	.75 to	1.00
Bridesmaids	per 100,	3.00 to	4.00
Perles	"	3.00 to	4.00
Kaiserin	"	4.00 to	6.00
Meteors	"	3.00 to	5.00

CARNATIONS, fancy	per 100,	$1.50 to	$2.00
" good quality,	"		1.00
VIOLETS, good single	"		1.00
ORCHIDS, Cattleyas	per doz.,		6.00
VALLEY	per 100,	4.00 to	5.00
SMILAX	"	12.00 to	15.00
ASPARAGUS	per string,	.50 to	.75
ADIANTUM	per 100,	.75 to	1.00
WOOD FERNS	per 1000,		1.50

Mention The Review when you write.

FOR PALMS Write to Walter Retzer & Co.

Wholesale Growers,

2045-59 Clarendon Ave., (N. Halsted St.) CHICAGO, ILL.

Mention The Review when you write.

VIOLETS from pots, A 1 stock, free from disease. Lady Campbell, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in. pots, $4.00 per 100; $35.00 per 1000. Field-grown Lady Campbell, $4.00 per 100; $35.00 per 1000.

Roses—Meteors, Perles, Maids and Brides, extra fine stock, 3-inch, $3.00 per 100; $20.00 per 1000.

A bargain on Carnations, such as White Cloud, Flora Hill, New York, etc. Let us figure on your order.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Bronze Galax Leaves

Every leaf guaranteed perfect,

One-Dollar-Twenty-Five per 1000.

Try a sample Fifty for Ten Cents in stamps, delivered Free.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write.

Floral Fancies, or Language of Flowers,

TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

Mention The Review when you write.

Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G BARROW, Red Level, Ala.

Mention The Review when you write.

KENNICOTT BROS. CO.

Wholesale Commission Florists

Write for our Prices on Wire Work.
You can't duplicate them anywhere.

42 and 44 E. Randolph St.
CHICAGO.

NOW that the Cut Flower Season is on again, buyers will do well to remember that when stock is obtainable anywhere we will have it, that when others fail we have it.

.....JUST NOW.....

STOCK IS ONLY FAIR, but as good as can be expected at this season. Whatever you want, we have it.

Store open until 6:30 p. m. week days. Until noon Sundays and holidays.

Cut Flower Price List.

	Per 100.
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	2.00 to 4.00
Perles and Meteors	2.00 to 4.00
Carnations	.75 to 1.50
" named varieties	1.50 to 2.00
Valley	4.00
Lilies	10.00 to 12.50
Adiantum	.50 to .75
Common Ferns	per 1000, 2.00
Smilax	per doz., $1.25 to 1.50
Asparagus	" 6.00
Leucothoe	per 100, 1.00
Galax, Green	per 1000, 1.00

Mention The Review when you write.



FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M Discount on larger orders.
Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, Hinsdale, Mass.

Mention The Review when you write.

Asparagus Plumosus Nanus, Strong plants, from 2½-inch pots, ready for a shift, $5 00 per 100.

BEGONIA REX. fine stock in 3-in. pots ready for a shift, in good assortment. $6.00 per 100.

CHINESE PRIMROSES, Globosa type, best strain grown. White, pink and red, 3-in. pots, extra strong. $5.0 per 100.

BABY PRIMROSE, extra fine, from 2½-in. pots, ready for shift, $4.00 per 100.

SWEET ALYSSUM, giant white, very fine, for immediate planting from 3-in pots, $3.00 a 100.

VINCA MAJOR VARIEGATA, very strong field-grown clumps with 6 to 10 long growths, $6 00 per 100.

Nathan Smith & Son, Adrian, Mich.

Always mention the Florists' Review when writing advertisers.

..CLIMBERS..

20,000 **Clematis Paniculata,** 2 years open ground and pot grown.
10,000 **Ivies,** 1 year from open ground.
10,000 **Ampelopsis Veitchii,** 1 year pot-grown.
10,000 **Hall's Honeysuckle,** very strong.
5,000 **Evergreen and Golden** Honeysuckles, very strong.
10,000 **Rosa Wichuraiana,** 1, 2 and 3 years.
3,000 **Wichuraiana,** Hybrids.
2,000 **Actinidia Arguta, Wistaria** and other vines.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

Mention The Review when you write.

VEGETABLE PLANTS.

CABBAGE H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8 50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage. Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers $20.00 per 100.

F. LUDEMANN,
Pacific Nursery, SAN FRANCISCO, CAL.

Mention The Review when you write.

15,000 Extra Fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of **Asparagus Plumosus Nanus,** out of 2½-in. pots. A few thousands mixed **Roses** on hand for planting. **WRITE FOR PRICES.**

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

HOLLY. **Finest Quality. Any Quantity.**
Write for prices delivered at your door.
CALDWELL THE WOODSMAN CO., Inc.
Evergreen, Ala.

Mention The Review when you write.

We are better equipped than ever this season to take care of your orders for C
thing in season and can supply at lowest market pric

OUR SPECIALTY

Orchids, Fancy Roses, Carnations and All High=

FANCY MUMS.

HEADQUARTERS FOR
A. R. CARTER & CO.'S CELEBRATED WILD S

Season
1900--1901

McKELLAR &

MODERN SU

45, 47, 49 Wabash Ave.



"Do not put off 'till to-mo
what can be done to-day

So send us your orders now
ing stock and secure your supp
quarters:

Select Delaware Holly, Lyco
Mistletoe, Holly Wreaths, G
Needle Pines, Wild Smilax and
orative Greens, etc.

We have closed contracts for immense quantities of all the above goods, and a
quotations of any reputable house in the west. Send us your orders now for D
will guarantee first-class goods and will protect our customers on prices.
BUY FROM US AND YOU WILL INSURE LOWEST MARKE

Selling Agents for Glass, Building Material, Boilers, Putty, Mastica, Paints, Oils, Sod

JT FLOWERS. We have every-
es.

irade Cut Flowers.

MILAX.

PRICE LIST.

	Per 100.
Beauties, long	$20 00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5 00
Perles and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Asters, good	1.00 to 1.50
Valley	4.00 to 5.00
Lilies	12.00 to 15.00
Adiantum	.75
Common Ferns, per 1000	$1.50

ORCHIDS, Cattleyas, per doz., $5.00 to $6.00

Chrysanthemums, select, doz.	$2.50 to $3.00
" ordinary, "	1.00 to 1.50
Smilax, per doz.,	$1.25 to $1.50
Asparagus "	5.00 to 6.00
Ivy, per 100,	.50
Leucothoe Sprays "	.75
Galax Green, per 1000,	1.50
Wild Smilax,	Per case
No. 1 contains 15 lbs	$2 00
No. 2 " 20 "	2.50
No. 3 " 25 "	3.00
No. 4 " 35 "	4 00
No. 5 " 40 "	5.00
No. 6 " 50 "	6.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

....EVERYTHING IN SEASON....

WINTERSON'S

PPLY HOUSE,

—CHICAGO.

Season
1900--1901

row
"

on the follow-
y from head-

odium Green,
een Wreaths,
ll Xmas Dec-

e prepared to meet the
cember delivery. We

RATES.

SEEDS and BULBS

Our stock of Seeds and Bulbs comprises only those varieties mostly suited for the up-to-date florist and are guaranteed the best the market can afford.

Freesia, Bermuda, select	per 1000,	$5.50
" " extra select	"	6.50
Longiflorum, 7 to 9,	" per 100,	10.00
Candidum, extra select	"	5.00
Von Sion Narcissus, extra select	per 1000,	11.50
Paper White " "	"	10.50
Dutch Hyacinths, select, separate colors	per 100,	4.50
Crocus, separate colors	per 1000,	2.50
Tulips, extra fine mixed	"	7.50

Have also fine stock of named Hyacinths and Tulips and all other seasonable bulbs. Give us your orders. Our prices are right.

Pansy Seed, Florists' best, oz $8.00.	Trade pkt.	25c
Cyclamen, Giant Flowered	"	50c
Calceolaria, finest mixture	"	50c
Cineraria, choicest mixture	"	50c
Gloxinia Hybrida, choicest mixture	"	50c
Primula Obconica, " "	"	50c

ALL SEEDS AND BULBS IN SEASON.

Supplies, Etc., Etc.

We handle or secure everything that a florist might need. Send us a list of your requirements and let us quote you prices.

Sphagnum, burlap bales, each $1.00,	6 for	$5.00
" wire pressed, each 75c,	6 for	4.00
Tobacco Stems, fresh, 200 lbs. for		1.50
Preserved Cycas Leaves, assorted, 24 in. and up	per 100.	15.00
Cape Flowers, white	per lb.	1.00
" " colored	"	1.50
Tissue Paper, manilla	per ream.	.50
" " white	"	1.00
Wax Paper, manilla	"	1.40
" white	"	2.00
Doves, first quality, each $1.00	per doz.	10.00
" second quality, each 85c.	"	9.00
Rubber Aprons, each $1.50	"	15.00

Full stock of all Supplies, including
RIBBONS, TIN FOIL, TOOTHPICKS, BASKETS, WHEAT SHEAVES, BOUQUET PINS, IMMORTELLES, FLOWER VASES, JARDINIERES, ARTIFICIAL PALMS, etc.

SEND FOR COMPLETE CATALOGUE.

Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

THE GALVESTON STORM.

Mr. Pruessner reports another trade victim of the storm who was overlooked in previous reports. It is Mr. G. Laeverenz, whose losses foot up to $2,000.

Replying to a letter of inquiry from Mr. J. B. Heiss, Dayton, O., R. C. Kemp, brother of Thos. Kemp, wrote under date of Sept. 18 "I am sorry to inform you that my brother, Mr. Thos. Kemp, and his wife, also my mother, were all drowned in the recent flood. I wish to thank you for your kind offer but his houses were all destroyed; in fact there is not a greenhouse standing."

DENVER, COLO.

On Oct. 2d the Florists' Bowling Club with a picked team of five men played a match game with the Boomerang Bowling Club of this city, the latter winning by sixteen pins in a total score for the three games—Boomerangs, 2593; Florists, 2577. The following are scores by games:

FLORISTS.

	1	2	3	Av.	
Jno. Berry	150	180	156	162	
Geo. Zimmer	195	180	212	192	
Chas. Franz	122	140	161	141	
Al. Mauff	192	169	156	172	
Phil. Scott	199	190	175	188	
Total	858	859	860		Total ,2577

BOOMERANGS.

	1	2	3	Av.	
E. C. Johnson	235	178	157	190	
H. Gustavison	136	159	151	148	
J. Baxter	179	157	170	168	
H. Strong	184	190	159	177	
C. K. Reid	147	188	223	186	
Total	881	852	860		Total, 2593

C. J. F.

NEW CLIMBING ROSE.

A new rose of the Rambler type, a hybrid between Rosa Wichuraiana and Baroness Rothschilds, that originated with Mr. M. H. Walsh, Woods Holl, Mass., gives promise of being a useful addition to the list of hardy climbers. The flowers are light pink and semi-double.

COLUMBIA, S. C.—At the Rose Hill Greenhouses a new house 26½x100 is being built and 150 3x6 hotbed sash have been added. The firm will now have about 12,500 feet of glass. Roses, carnations and palms are grown in addition to general plants and bedding stock. Roses and carnations in the field have done very well. We have had only one good rain in four months and are still waiting for another.

MORRIS, ILL.—The Morris Floral Co. will grow about 300,000 rooted cuttings of carnations this season. They have two very promising seedlings, one a creamy yellow, a 3-inch flower and very free, and the other a strong growing white that has so far beaten all other whites with them.

SAGINAW, MICH.—The Wm. Roethke Floral Co. has been incorporated, with a capital stock of $25,000, held as follows: F. Wm. Roethke, 450 shares; Bertha Roethke, 450 shares; C. L. Roethke, 800; Otto T. Roethke, 600; Mrs. Eliese Granse, 20.

MINNEAPOLIS, MINN.—Messrs. Brant & Noe, the rose growers of Forest Glen, Ill., near Chicago, have opened a wholesale store at Sixth St. and Second Ave. North, Central Market, this city, for the sale of their stock.

NEWARK, N. Y.—Jackson & Perkins Co. are building two additional greenhouses which are to be devoted to the propagation of their leading specialty, hardy roses.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND - AND - RISCH
Consignments of Violets Wanted.
Send to us and get the best prices.
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

Carnation Blooms
OF ALL LEADING VARIETIES NOW READY.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

Bassett & Washburn,

Wholesale Dealers in and Growers of

CUT FLOWERS!

WE ALSO MAKE A SPECIALTY OF

Florists' Ribbons

American Beauties.

We have **50,000** plants in new houses built planted especially to grow Beauties.

Brides, Bridesmaids, Liberty, Meteors, Perles, Kaiserins.

75,000 plants, and they are fine. We have disbudded them right along until now and shall have an extra choice lot of flowers.

Carnations.

Mrs. Lawson, Ethel Crocker, Mrs. Bradt, America, Crane, Red Bradt, Triumph, Mrs. Joost, White Cloud, Mary Wood, Flora Hill, Gold Nugget, Maceo, Mrs. Jas. Dean. **54,000 PLANTS,** all the cream of the Fancies. This is the finest stock of all Fancies in this Country.

Chrysanthemums.

25,000 grown to single stems. The best commercial varieties.

Easter or Harrisii Lilies.

40,000 bulbs planted, all Bermuda selected stock. We have Lilies from December through to June from six to eight houses devoted exclusively to their growth.

Greens.

We have six thousand Asparagus Plumosus, three thousand Asparagus Sprengeri and ten thousand Smilax plants.

Adiantum or Maiden Hair Ferns.

Two houses.

In addition to the above we grow an immense stock of Tulips, Von Sions, Dutch Hyacinths, Paper Whites and Miscellaneous Flowers.

BUY YOUR FLOWERS DIRECT FROM THE GROWER AND THEREBY GET BETTER AND FRESHER STOCK AND SAVE THE REHANDLING CHARGES OF THE MIDDLEMEN.

BASSETT & WASHBURN,

Greenhouses, HINSDALE, ILL.

Store, 76 & 78 Wabash Ave. .....CHICAGO.....

SAMUEL S. PENNOCK. Wholesale Florist

{ Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

Business this week has been fair, and improving right along. Chrysanthemums have been in market for the last six weeks and many fine blooms can be seen at the stores. Some fine Viviand-Morels are in this week. Outside grown violets are in market, but the quality of the flowers is poor and will not improve till the weather cools off a little. Carnations are good as to quality and prices remain firm. Roses are not quite up to the standard and have not been for some months past, but choice stock is expected almost any day from the establishments of McLellan, Gilmore, Nicholson, and Simmons.

Liberty is well thought of among the growers and retailers; the color, stem and foliage puts it away ahead of Meteor as a red rose.

Prices: American Beauties, $1 to $2; Brides, Bridesmaids and Meteors, 25 to 75 cents; Liberty, 50 cents to $1; Kaiserins, 35 to 50 cents; Cecil Brunner, 15 cents per dozen. Carnations: Hobarts, $1; Crocker, 35 to 50 cents; mixed fancys, 35 to 50 cents; Hill, 20 to 30 cents; Bradt, 25 to 35 cents; Scott, 15 to 20 cents; Portia, 10 to 12½ cents per dozen. Chrysanthemums: Inside, 75 cents to $3; outside, 20 cents to $1 per dozen. Tuberoses, 75 cents per dozen. Violets: Princess of Wales, $1 to $1.50; Marie Louise, $1. Smilax, 10 cents per string.

Various Items.

Simmons, of Fruitvale, was visited last week by the writer. His roses are in grand condition and the growth on his Beauties show every indication that Mr. Simmons will cut some of the finest Beauties coming into market this winter.

Shannahan, on Powell street, has made a few alterations at his store. A new plate-glass window, of larger size than before, showing off his flowers to better advantage, also the entrance to the store is covered with Tennessee marble. Altogether the improvements are first-class and give the place a very swell appearance.

We regret to have to announce the death of Mr. Carroll Kruger on Sept. 29, for many years in the employ and lately in partnership with J. H. Sievers, of San Francisco. What may have been an accident, but to all appearances was a deliberate suicide, occurred in the glass-covered rotunda of the city hall. It seems that Mr. Kruger jumped, or fell, from the second balcony of the city hall, the body falling on the tiled floor. Mr. Kruger was taken to the receiving hospital, but never regained consciousness, and died in a few hours.

Mr Kruger was well known in San Francisco, and up to a month ago was engaged in the growing establishment of John H. Sievers, on Van Ness avenue. Since the dissolution of their partnership Mr. Kruger has made several attempts to again engage in the business, but without success; as a consequence he became despondent. Mr. Kruger was a native of Chile, and leaves a wife and four children.

As a plantsman he was a clever man, and few men will be found his equal in growing and hybridizing. His Hannah Hobart and E. Crocker carnations speak for themselves, and his tuberous begonias and pelargoniums were perfection and will remain long as a monument to the memory of this clever man. J. N.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

SEVERAL very large shipments of JAPAN LONGIFLORUM have arrived in very bad condition—more than half the bulbs having been lost by heating. This large loss will make a scarcity in this article and probably many dealers will be unable to fill their orders in full. If you do not succeed in getting your full supplies, we have still to offer a fine lot of

BERMUDA-GROWN LONGIFLORUM

These bulbs are in splendid shape. We can supply them at $14.00 per case; 350 bulbs to the case. We also have a fine stock of

LILIUM HARRISII.

7-9 inch size is generally scarce, but we have a very fine stock of this size still on hand—a lot of bulbs that were left in the ground and dug late, and in consequence they are in grand shape. Bulbs are plump, bright and clean, and as fine a lot of Harrisii as anyone would want to handle. We can supply these, as long as unsold, as follows:—
5-7's, 400 bulbs to the case, only $16.00 per case; 7-9's, 200 bulbs to the case, only $18.00 per case.
Order at Once, Before we are Sold Out.

We can also offer a fine stock of

WHITE ROMAN HYACINTHS.
Extra quality bulbs, 12-15 cm., in case lots, 2,100 bulbs to the case, $16.00 per 1000.

PAPER WHITE NARCISSUS GRANDIFLORA.
Case lots, about 1,300 bulbs to the case, $7.50 per 100.

5 per cent discount from above named prices when cash is remitted with order.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York.

Mention The Review when you write.

COLUMBUS, O.

The weather has been very warm for the past week and cut flowers are scarce, owing to the great demand for funerals, weddings, etc.

F. K. Luke, of the O. S. University, visited in Dayton last week.

E. H. Charles has received a large shipment of bulbs from Holland.

The Livingston Seed Co. have a new cut flower delivery wagon.

Mr. R. G. Ray has been appointed superintendent and florist of the City Park. Of the nine men who took the examination, only three passed. Mr. Ray is a graduate of the Miami University, and came here from Cincinnati seven years ago.

Messrs. Baldwin and Miller, of Newark, O., were recent visitors.

G. E. A.

THEY LIKE THE REVIEW.

I consider the Review the very best for big and small growers, for the trade in general, for selling and buying, for interchanging of opinions regarding business, and a very cheap medium for advertising surplus stock in your classified list.

St. Paul, Minn. CHRIST. BUSSJAEGER.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Liberty
12 plants for.....$7.20
25 " " 12.50
50 " " 15.00
100 " " 28.00

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.
Mention The Review when you write.

Cyclamen for Christmas blooming. Fine large healthy plants, 3-in., $4.00 per 100; 4-in., $8.00 per 100.

Chinese Primroses. Red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.

Cinerarias. Prize strain, 2-in., $2.00 per 100.

Geraniums. S. A. Nutt, Giant, La Favorite and Pink, large plants, full of cuttings for stock, $5.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.
Mention The Review when you write.

PAN-AMERICAN EXPOSITION.

The Bureau of Publicity of the Pan-American Exposition has just issued a very complete booklet descriptive of the enterprise to be held at Buffalo next year. The booklet contains 48 pages, with 121 titles and 82 illustrations. The publicity up to the present time has been piecemeal, bringing out the various features as they have developed, but an examination of this booklet gives to the reader a very comprehensive idea of the splendid character of the exposition.

The total cost of the exposition, exclusive of exhibits, is now estimated at $10,000,000. Of this amount, about $3,000,000 will be expended upon the Midway. The sum for the Midway is more than the total cost of some very pretentious expositions, so that by comparison one may gain a very fair idea of the work which Buffalo is carrying rapidly to completion. A beautiful landscape, comprising 350 acres, half a mile wide and a mile and a quarter long, is devoted to this wonderful enterprise.

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Home-Grown PALMS.

FREE FROM INSECTS AND DISEASE OF ANY KIND.

They cannot fail to give satisfaction. Should be seen to be appreciated.
A trial order is solicited.

ARECA LUTESCENS.

3 plants	6-inch pot	24-inch	**$12.00** per doz.;	**$100.00** per 100
3 "	8 "	30 "	**30.00** "	
3 "	8 "	36 "	**36.00** "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	**$4.50** per doz.;	**$35.00** per 100
6 "	6 "	24 "	**15.00** "	**125 00** "
6 "	6 to 7 "	26 "	**18.00** "	**150.00** "
8 "	6 to 7 "	30 to 32 inches high	**3.00** each.	
8 "	7 to 8 "	36 inches high	**4.00** "	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	**$4.50** per doz.;	**$35.00** per 100
8 "	6 "	36 to 40 inches high	**3.00** each;	**36.00** per doz.
8 "	6 "	48 to 50 "	**4.00** "	**48.00** "

All Measurements are from Top of Pot.

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100,000 GERANIUMS ROOTED CUTTINGS...

SEND FOR LIST AND PRICES.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Baby Primrose, 2¼-in.	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " (winter), 2-in.	3.00
" " " " 4-in. very strong	6.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings, $10.00 per 1000	1.25
Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.	

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.
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Burpee's Seeds Grow

DECIDUOUS TREES!

Medium and large sizes, including
Oaks, Maples,
Oriental Plane, Beech,
Birch, Ginkgo, Elms, Ash,
Lindens, Magnolias, Poplars and Willows

We have an immense stock of the above and are prepared to name **liberal** rates in quantity. Personal inspection invited. Correspondence solicited.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.
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JARDINIERE FERNS

Elegant stock,
$3.00 per 100; $25.00 per 1000.

Roses for the South. Varieties most adapted for southern planting. Just the thing you want. Stock A No. 1. Write for Price List.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.
Mention The Review when you write.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Studer Pays Freight

on a **sample order** of my excellent stock of
PALMS, FERNS and other DECORATIVE PLANTS.
Send for Price List.

N. STUDER, Anacostia, D. C.
Mention The Review when you write.

INDIANAPOLIS, IND.

The hot weather we have been having the past week has kept the opening of fall trade back. What we need is a visit from Jack Frost, for so long as there are any outdoor flowers the people won't buy.

Carnations are not so good as tney were last year, as they suffered from the excessive heat right after planting. 'Mums are coming in. Fitzwygram, white and yellow, are here, with Glory of Pacific and Bergmann showing color. There will be a great crop of 'mums here this season.

Society Meeting.

The State Florists' Association met at Anthony Wiegand's store Oct. 2. Mr. Wiegand has enlarged his room and now has a thoroughly up-to-date store, so he invited the society up to initiate the place. Vice-President Langstaff presided. Among the various committees to report was the carnival committee, who had charge of getting up a float for the carnival parade, but as there was so little interest taken in the matter it was decided to drop it. The show committee reported that they had prepared a premium list for the local chrysanthemum show, to be given Nov. 14.

After the meeting we were treated to a pleasant surprise by Mr. Weigand & Sons in the way of a fine lunch and refreshments of all kinds. There were various amusements, including music, dancing, singing, speechmaking and several boxing exhibits that were very humorous. All voted that it was the best meeting for many a day and one that will not soon be forgotten.

As the date for our next meeting falls on election day, the meeting will be held a week previous. Cards will be sent out by the secretary.

It is with pleasure that we announce that our old friend, Mr. Wm. Bertermann, has returned from his European trip and will soon be with us again.

Mr. Wm. Huber, of Huber & Stilz, and Miss Elizabeth Pickering were married Oct. 3.

Our city is getting ready for its first carnival and the florists are looking forward to a revival in trade in consequence. There is to be a floral parade, but only paper flowers, which are being made by the thousands, will be used.

A certain florist who visits the State House immediately after the death of a state official, or the relative of one, has become so well known that he is referred to as the "ambulance florist." He meets with a cool reception, but despite the apparent disapproval the florist persists in his calls, and often secures an order.

FRED.

Cheap=To Close Out.

	Per 100	Per 1000
BOSTON FERNS. The true variety, from 2½-in. pots	$3.00	$25.00
ASPARAGUS PLUMOSUS NANUS. From 2½-in. pots	3.50	30.00
ASPARAGUS SPRENGERI. From 2½-in. pots	2.50	20.00
ACALYPHA SANDERII. From 2½-in. pots	4.00	35.00
" " " 3-in. pots, strong plants	6.00	
CROTONS. Twelve best bedding varieties from 2½-in. pots, elegant plants. These will be fine to shift on for next year's bedding.	3.00	25.00
PONDEROSA LEMON. Largest Lemon grown. Bears fruit weighing two pounds and over. Is bound to become a popular plant. Fine plants from 2½-in. pots, per dozen, $1.00	7.00	
CALLA LILIES. 1¼ to 1½-in. diam., per dozen, 75 cents	5.00	
" " 1½ to 1¾ " " $1.25	7.00	
THE TWO NEW RUSSELIAS, Lemoinei Multiflora and Lemoinei Elegantissima, per dozen, 60 cents	4.00	
BOUGAINVILLEA SANDERIANA. From 2½-in. pots	6.00	
WEEPING LANTANAS. 2½-in. pots	2.00	18.00
OTAHEITE ORANGE. From 2½-in. pots	3.00	25.00
" " " 3 "	4.50	40.00

Send us your list of Roses for quotation.

Our Fall Trade List now ready. Write for it.

THE GOOD & REESE CO., Springfield, O.

The Largest Rose Growers in the World.

Mention The Review when you write.

Hardy Herbaceous Plants.

Ready to Ship Now

Plant early and let them get established before winter. All strong individual clumps.

	Per 100
Achillea The Pearl, 3½-in. pots, very fine	$4.00
Alyssum Saxatile Compacta, field-grown	5.00
Artemisia (wormwood), field-grown	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots	5.00
" Pyramidalis Hybrida, 3½-in. pots	5.00
Anthemis Kelwayi, 3½-in pots	5.00
Aquilegia Vulgaris, mixed, field-grown	5.00
" " dbl. white, "	6.00
" Chrysantha, "	6.00
" Caerulea, "	7.00
Caryopteris Mastacantbus, 3½-in. pots	4.00
Hardy Chrysanthemums, asst., field-grown	4.00
Coreopsis Lanceolata, 3½-in. pots	4.00
Campanula Pyramidalis, blue or white, field-grown	5.00
Chrysanthemum Uliginosum, field-grown	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, "	4.00
Digitalis Monstrosa, "	5.00
Funkia Subcordata Grandiflora, field-grown	8.00
Lavendula, field-grown	5.00
Lychnis Chalcedonica, field-grown	5.00
Gypsophila Paniculata, "	5.00
Geum Atrosanguineum, "	5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots	4.00
Hemerocallis Flava, field-grown	4.00
" Sieboldii, "	6.00
Hibiscus Crimson Eye, 3½-in. pots	3.00
Iberis Gibraltarica, field-grown	5.00
Japanese Primrose, 3½-in. pots	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, "	5.00
Scabiosa Caucasica, "	6.00
Statice Latifolia, "	7.00
Monarda Didyma, "	5.00

EDWARD B. JACKSON,

Send for price list. **Stamford, Conn.**

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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MUST HAVE ROOM

For 25,000 Geranium Cuttings that are ready to pot up in ten days. So must close out our

Rose stock at once at less than half value up to the 15th of October. Brides, Meteor, Maids, Golden Gate, Perle, 3 and 3½-in. pots, 12 to 18-in. high, full of buds, except Perle, which are out of 2½-in., but fine thrifty plants, all for $2.50 per 100, $20.00 per 1000. 250 at 1000 rate. This price only holds good until the 15th of October.

Carnations. Lizzie McGowan, Flora Hill and Pingree. Strong fine plants in bud and bloom, $3.00 per 100. These plants were made from prize stock and are guaranteed A No. 1 and satisfactory.

Asparagus Sprengeri. Strong 3-in., ready for 4-in., only 4c.

CASH WITH ORDER.

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The largest and choicest stock of Geraniums, Dbl. Fringed Petunias, Mammoth Verbenas, New Ageratums, etc., etc., to offer soon.

South Side Floral Co., Springfield, Ill.

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Hardy Herbaceous Plants

All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $5.00 per 100, $45.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St. HOLLAND, Mich.

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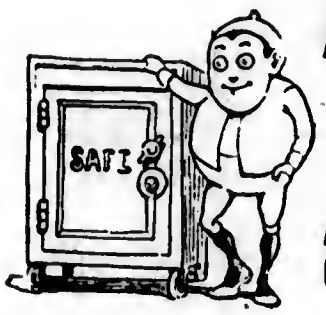
PAEONIES.

We have 100 named double varieties, selected for florists' use; all good for cut flowers.

1 each of 100 varieties	$15.00
1 each of 50 varieties	6.00
1 each of 25 varieties	3.00

INDIANAPOLIS FLOWER and PLANT CO.
Indianapolis, Ind.

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A Fine Lot of Plants

At Low Prices to Close Them Out....

	Per 100
500 Choice Mixed Ferns, 4-in	$ 8.00
20,000 Pansy Plants, giant fancy flowering, ⅛ of new ruffled, per 1000, $4.00.	
5,000 Flowering Begonias 10 choice varieties, 2½-in	1.50
10,000 Geraniums, fine rooted, a mixture of 40 choice varieties, 2½-in	1.50
5,000 Hardy Grass Pinks, assorted 4-in	3.00
1,000 Calla Bulbs, medium sized	5.00
Pansy Seed, giant fancy, 1-6 new ruffled, per oz	4.00
2,000 Field-grown Roses, Bride, Bridesmaid and Perle	5.00
2,000 Stock Plants Geraniums, mixed, field-grown	5.00
1,000 Coleus, named, 10 varieties, field plants	5.00
10,000 Chinese Primulas, in separate colors; blue, white, pink and red, Barnard's strain, strong, 2¼-in	1.50

Estimates given for January delivery of R. C. Carnations of all the leaders—200,000.

THE MORRIS FLORAL CO., Morris, Ill.

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Carnations

FIELD GROWN PLANTS.

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Send for Price List.

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FIELD-GROWN CARNATIONS

Daybreak, Scott, Portia, Silver Spray, Genesee, Cartledge, Jubilee and Triumph, } **$5 per 100; $40 per 1000**

FIELD-GROWN VIOLETS,

$5 per 100; **$40** per 1000.

Pot-Grown Violets,
3-inch, **$3** per 100; 4-inch, **$4** per 100.

WM. F. KASTING, 481 Washington Street, BUFFALO, N. Y.

Mention The Review when you write.

BOSTON FERNS

fine plants.
5-in., $3.00 per doz.; 6-in., $1.50; 7-in., $6.00.

Carnations, Portia, Pingree, Ferd. Mangold	$4.00	per 100.
Violets, Campbell and California	4.00	" "
Coleus, Crimson Verschaffeltii and Golden Bedder, stock plants, 4-in.,	1.00	" doz.
Primroses, 3-in.	5.00	" 100.
Cinerarias, 3½-in.	6.00	" "
Begonia Vernon, fine	1.00	" doz.
Geraniums, 2½-in., good plants, Gen. Grant, S. A. Nutt	2.50	" 100.
Heliotrope 2-in., 3 var	2.00	" "
Smilax, 2½-in	1.50	" "

CONVERSE GREENHOUSES, Webster, Mass.

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CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5 00 per 100, or 20 for $1.00. **E. I. RAWLINGS, Quakertown, Pa.**

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Field-Grown Carnation Plants.

READY FOR IMMEDIATE SHIPMENT.

	Per 100	Per 1000
Olympia	$12.00	$100.00
The Marquis	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
" second size	5.00	40.00
Gen. Gomez	$5.00	$40.00
Mrs. G. M. Bradt, selected	8.00	75.00
Wm. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent. discount if cash is sent with the order.

THE COTTAGE GARDENS, QUEENS, L. I., N. Y.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 120,000

Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

MAYOR PINGREE CRIMSON SPORT JUBILEE ELDORADO MELBA
MAUDE ADAMS McGOWAN L. L. LAMBORN SWEET BRIER METEOR
FLORA HILL PORTIA MRS. FISHER ALBERTINI DOROTHY SWEET C. A. DANA

$1.00 per doz.; $5.00 per 100.

J. L. DILLON, - - BLOOMSBURG, PA.

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PRIMROSES.

Chinese Mixed, large flowering fringed,	per 100,	$1.50
Obconica GRANDIFLORA and ROSEA,	"	2.00
Asparagus Sprengeri, 2-inch pots,	"	2.50
Asparagus Plumosus, " "	"	3.50
Pansy Plants, large flowering, 1000, $2 50	"	.50

Cash please. **JOS. H. CUNNINGHAM, DELAWARE, OHIO.**

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CARNATIONS.

FIELD GROWN PLANTS.

Genevieve Lord, the finest of all commercial pink Carnations, fine plants, 1st size, **$12** per 100; 2d size, **$10** per 100.

J. Whitcomb Riley	per 100,	$12.00
Daybreak	"	6 00
Mayor Pingree	"	5.00
100 Wm. Scott	"	5.00
Seedling No. 30, fine plants	"	8.00

No. 30 is a bright pink, very free winter bloomer, averaging stems 2 to 3 feet.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CARNATIONS!

MARQUIS

Field-Grown, $10.00 to close.

L. E. MARQUISEE, Syracuse, N. Y.

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E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

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Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

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THE MODEL PLANT STAKE CO.,

226 North 9th Street,
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THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

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FIELD-GROWN CARNATIONS

With Plenty of Roots.

Send for prices on 35 best new and standard varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderii, 2½-in., $4.00 per 100; $35.00 per 1000. 3-in., strong plants, $6.00 per 100. Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

ALYSSUM.

Sweet Alyssum, Giant White, extra fine for immediate planting, from 3-in., $3.00 per 100. N. Smith & Son, Adrian, Mich.

ARAUCARIAS.

	Each.
Excelsa, 3-inch, nice plants	$0.50
Excelsa, 4-inch, nice plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

	pot	Doz.	100.
Plumosus Nanus	2-inch	$0.50	$4.00
Plumosus Nanus	3-inch	1.00	8.00
Plumosus Nanus	4-inch	1.50	12.00
Plumosus Nanus	5-inch	2.00	15.00
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	5.00	
Sprengeri	8-inch	10.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Fine stock, grown cool. Asparagus Sprengeri. From 2½ inch pots, $2.50 per 100; $20.00 per 1000. From 4 in. pots, $1.00 per doz., $8.00 per 100. Asparagus P. Nanus. From 2½ inch pots, $4.00 per 100; $35.00 per 1000. From 4 in. pots, $1.00 per doz., $8.00 per 100. Cash with order. The John A. Doyle Co., Springfield, O.

A. Sprengeri, 6-in. pots, heavy, $4.00 per doz.; $25.00 per 100; 5-in., $2.50 per doz.; $15.00 per 100. Cash with order, or 25 per cent if C O. D. A. Nelson, Box 1450, Paterson, N. J.

Sprengeri and plumosus nanus, extra strong stock from 2½-in. pots, ready for 3-in., $5.00 per 100; $40.00 per 1000.
Jackson & Perkins Co., Newark, New York.

Plumosus nanus, 2½-in. pots, strong, $6.00 per 100; Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100; $20.00 per 1000. Nice plants from 2½-in. pots.
Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kan.

A Sprengeri, 2-in. pots, $2.50; A plumosus, 2-in. pots, $3.50 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

A. Sprengeri, strong 3-in., ready for 4s, only 4c. South Side Floral Co., Springfield, Ill.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

Sprengeri and Plumosus, 2-in., $5.00; 3-in., $8.00 per 100. Cash with order.
Geo. M. Emmans, Newton, N. J.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

A. plumosus nanus, strong plants, 2½-in., $5.00 per 100. N. Smith & Son, Adrian, Mich.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

1000 A. Sprengeri, 4-in., $1.00 per doz.; $7.00 per 100. Ben. L. Elliott, Cheswick, Pa.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, strong plants from 2¼-in., $15.00, 3½-in., $25.00 per 100. Begonia Gloire de Lorraine nana compacta, strong plants, 2¼-in., $15.00, 3½-in., $27.50 per 100. Begonia Caledonia, the white Lorraine, from 3½-in., plants ready for delivery Nov. 1, $5.00 each. We are the only firm in America offering this fine, new novelty this year.
R. & J. Farquhar & Co., 16 and 19 So. Market st., Boston, Mass.

Begonia Rex (rooted cuttings). I have a most beautiful collection of this justly popular pot plant in 25 varieties, at $2.00 per 100, assorted.
Paul Mader, East Stroudsburg, Pa.

Begonia Feastii, fine plants from 4-in. pots, $3.00 per 100.
Fairview Floral Co., Beatty, Ohio.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

5,000 flowering begonias, 10 choice varieties, 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Rex Begonias, $4.00 per 100. Russell Davis, Xenia, O.

Begonia Vernon, fine, $1.00 per doz.
Converse Greenhouses, Webster, Mass.

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400 Dwarf Solanum, or Jerusalem Cherry, out of field, ready for 4 or 6 inch pots, extra well berried, $8.00 per 100. H. Tice, 390 George St., New Brunswick, N. J.

Jerusalem Cherries. About 500 plants, 5 to 10 in. high, in 3 and 4-in. pots, good healthy stock, $4.00 per 100, cash.
A. H. Graf, Kirkwood, N. J.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BOUVARDIAS.

Pink Bouvardia (Rosea Multiflora). Very fine plants from the field, $10.00 per 100. Chas. E. Meehan, Germantown, Phila., Pa.

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Bermuda grown Longiflorum, in splendid shape, 350 bulbs to the case, $14.00 per case. Lilium Harrisii, fine stock, bulbs are plump, bright and clean, 5-7's, 400 bulbs to case, $16.00 per case. 7-9's, 200 bulbs to case, $18.00 per case, as long as unsold. White Roman Hyacinths, extra quality, 12-15 cm., in case lots, 2100 bulbs to the case, $16.00 per 1000. Paper White Narcissus, case lots, about 1300 bulbs to case, $7.50 per 1000, 5 per cent discount when cash is remitted with order. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Forcing bulbs ready.

Hyacinths.	12	100	1000
Early White Roman	$0.25	$1.80	$16.50
Early Blue Roman	.25	1.55	13.75
Early Rose Pink Roman	.25	1.55	12.75
Early Dble. Rose Roman	.25	1.55	12.75
Dutch Hyacinths.	12	100	
Separate colors, 1st size	$0.65	$4.25	
All finest sorts, named	1.00	6.00 to $7	
Dutch Romans or Miniature.			
Named	.45	2.70	
Tulips, in finest forcing sorts, single, double.			
Narcissus (extra size bulbs).	12	100	1000
True giant flowering paper white	$0.15	$0.90	$ 8.00
Daffodil Von Sion.			
Extra double nose	.25	1.80	16.00
Select fine bulbs	.20	1.50	12.00
Calla, Calif. grown, 1¼, 1½-in.	.50	3.50	31.00

Chinese Sacred. Basket 30 bulbs, $1.50. Freesia, Alba, large bulbs, 100, 60c; 1000, $4.50. Freesia, Leichtlinii, pure yellow, 100, $1; 1000, $8. Cylamen Persicum Giganteum, 5 sorts, separate, doz., $1.20; 100, $8.00. 5 per cent cash discount. Send for our new trade list. Address
H. H. BERGER & CO. (Established 1878), 47 Barclay St., New York.

Bulbs now ready. Roman and Dutch hyacinths, narcissus, tulips, etc. Write for wholesale catalogue. J. M. Thornburn & Co., 36 Cortlandt St., New York.

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Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

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Callas, 1½ to 1¾ in. diam., $1.25 per doz.; $7.00 per 100.
Good & Reese Co., Springfield, Ohio.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 35 Dey St., N. Y.

Texas and Mexican bulbs, $2.50 to $15.00 per 1,000. William Tell, Austin, Texas.

1,000 Calla bulbs, medium size, $5.00 per 100. Morris Floral Co., Morris, Ill.

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Cannas. Dry roots, ready in November, best named sorts, $15.00 per 100. P. J. Berckmans Co., Augusta, Ga.

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Field-grown plants, ready for immediate shipment.

	Per 100.	Per 1000.
Olympia	$12.00	$100.00
The Marquise	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
Gen. Maceo, second size	5.00	40.00
Gen. Gomez	5.00	40.00
Mrs. G. M. Bradt, selected	8.00	75.00
W. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent discount for cash with order.
The Cottage Gardens, Queens, N. Y.

Field-grown carnations. Large, healthy plants, clean and ready for immediate planting.

	Per 100.	Per 1000.
G. H. Crane	$7.00	$60.00
Triumph	5.00	40.00
Flora Hill	5.00	40.00
White Cloud	5.00	40.00
Jubilee	3.50	30.00
Bon Ton	3.50	30.00
Lizzie McGowan	3.50	30.00
Armazindy	3.50	30.00

WIETOR BROS.,
51 Wabash Ave., Chicago.

Strong, field-grown carnations, healthy stock. America, Gen. Maceo, Mrs. Bradt, 1st size, $8.00 per 100, $70.00 per 1,000; 2nd side, $6.00 per 100; $50.00 per 1,000. Melba, Gen. Gomez, Armazindy, 1st size, $7.00 per 100; $60.00 per 1,000; 2nd size, $5.00 per 100; $45.00 per 1,000. Bon Ton, Joost, Psyche, 1st size, $6.00 per 100; $50.00 per 1000; 2nd size, $5.00 per 100; $45.00 per 1,000. Firefly, New York, Sea Shell, Victor, Cartledge, Alaska, Portia, Lizzie McGowan, Scott, 1st size, $5.00 per 100; $40.00 per 1,000; 2nd size, $4.00 per 100; $35.00 per 1,000. Wood Bros., Fishkill, N. Y.

Field-grown carnation plants. Per 100:

Genevieve Lord, 1st size, $12.00; 2nd size..	$10.00
J. Whitcomb Riley	12.00
Daybreak	6.00
Pingree	5.00
100 W. Scott	5.00

Seedling No. 30, bright pink, very free winter bloomer, fine plants, $8.00 per 100. Send in your order promptly.
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20,000 extra fine field-grown carnations, Scott, Flora Hill, McGowan, Mrs. F. Joost, Mary Wood, New York, Bon Ton, Albertini, Thos. Cartledge, Argyle, Gold Nugget, Lily Dean, Leslie Paul, Iris Miller, Elsie Ferguson at $6.00 per 100; $50.00 per 1000. Melba, G. H. Crane, $8.00 per 100. The above are all good, strong plants.
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Cheap to close out quick. Hill, Scott, Eldorado, White Daybreak and a few plants of other kinds. Write me for what you want. I can use some 1, 1¼ and 2-in. pipe in exchange. My plants are very fine, clean and healthy. W. H. Watson, Lapeer, Mich.

Carnations. Mayor Pringree, Crimson Sport, Jubilee, Eldorado, Melba, Maude Adams, McGowan, Lamborn, Sweet Brier, Meteor, Flora Hill, Portia, Fisher, Albertini, Dorothy Sweet and Dana, $1.00 per doz.; $5.00 per 100.
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Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment.
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Surplus carnations. Cheap to close; 200 White Cloud, 75 Scott, 75 McGowan, 40 Fisher, 75 Maceo, 35 Victor and Eldorado. Strong, clean, field-grown. Write quick for price on lot. Geo. R. Simonds, Barre, Mass.

G. H. Crane, the finest of all the scarlets. We have 10,000 extra fine plants for immediate delivery at $8.00 per 100; $75.00 per 1000. Cash with order. S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

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600 Crane, 1st size, $6.00; 2nd size, $5.00; 200 Joost, 1st size, $4.00; 800 Daybreak, 75 Jas. Dean, $3.50; 400 Pingree, $3.00; 200 White Cloud, $5.00 per 100. Carl Rauth, Springfield, Ill.

Carnation Plants. Scott, McGowan, Daybreak, Portia, Pingree, Eldorado, Crane, America, Maceo, Gomez, Melba, White Cloud. For cash only.
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10,000 Carnations. Flora Hill, $4.00 per 100, $35.00 per 1,000. Wm. Scott, $3.00 and $3 50 per 100, $25.00 and $30.00 per 1,000. L. McGowan, $2.50 per 100, $20.00 per 1,000.
C. Humfeld, Clay Center, Kas.

Strong, stocky, field-grown plants in fine order. Evelina, Freedom, Dean, J. Young, Jahn's Scarlet, Albertini, etc., $5.00 per 100.
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McGowan, Flora Hill and Pingree, strong, fine plants in bud and bloom, $3.00 per 100.
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McGowan, Scott, Portia and Flora Hill, $3.00 per 100, or will exchange for cyclamen and ferns. J. C. Murray, Peoria, Ill.

Strong, healthy, field-grown plants of Firefly, Daybreak and Evelina at $4.00 per 100.
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Fine field-grown Scott carnations at 2¼c. Special price by the 1000. Write me. H. M. Woundy, New Canaan, Conn.

Joost plants, extra fine, $40.00 per 1000 to close them out. Isaac A. Passmore, Route 7, West Chester, Pa.

500 fine Eldorado, finest yellow, at $5.00 per 100. Cash. The Cottage Greenhouses, Litchfield, Ill.

Field-grown carnations with plenty of roots. Send for prices.
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5,000 Wm. Scotts, strong plants, $4.00 per 100; $35.00 per 1000.
Ben. L. Elliott, Cheswick, Pa.

500 field-grown Portia, extra fine, healthy plants, $5.00 per 100.
Mangelsdorf Bros. Co., Atchison, Kan.

A bargain. White Cloud, Flora Hill, New York, etc. Let us figure on your order.
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McGowan, field-grown, small size, $2 per 100. Good value.
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300 Flora Hill and 350 Jubilee carnations. $3.00 per 100.
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Field-grown McGowans and Scotts, fine, large plants, $200 per 100. Cash with order.
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Field-grown carnation plants. Send for price list. F. Dorner & Sons Co., La Fayette, Ind.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

Portia, Pingree, Mangold, $4.00 per 100.
Converse Greenhouses, Webster, Mass.

Field-grown Marquis, $10.00 per 100.
L. E. Marquisee, Syracuse, N. Y.

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Mrs. Barr, Silver Wedding, all fine varieties, strong plants, from 2¼-in. pots, $4.00 per 100. Dorothy Devins, Elvena, H. W. Longfellow, H. L. Sunderbruch, Miss Helen Wright, Pitcher & Manda, Pride, B. M. Giroud, J. H. Troy, Mrs. S. Humphreys, Mme. F. Bergmann, Black Hawk, J. H. Woodford, Iora, Mrs. H. Weeks, Maude Adams, Belle of Castlewood, Helen Bloodgood, Marguerite Graham, Minerva, Riverside, T. B. Morse, W. H. Lincoln. Strong plants, from 2¼-in. pots, $2.50 per 100; $20.00 per 1000, for our selection of above varieties.
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Chrysanthemums. We have a surplus of strictly high grade, pot-grown stock, best varieties in 5, 6 and 7-in., at $20.00, $30.00 and $40.00 per 100.
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Cineraria, 2-inch, $2.00; 3-inch, $4.00 per 100. Cash.. Geo. M. Emmans, Newton, N. J.

Cinerarias, prize strain, 2-in., $2.00 per 100.
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Cissus discolor, pretty plants, 3-in. pots, $4.00 per 100.
McGregor Bros., Springfield, Ohio.

Send in your order now for a copy of the Florists' Manual.

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Clematis paniculata, 2 years, $4.00 per 100; seedlings from flats, $4.00 per 1000. Send 5c for samples. Cash with order.
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Clematis crispa and coccinea, $30.00 to $45.00 per 1,000. William Tell, Austin, Texas.

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100,000 vines. Ampelopsis Quinquefolia, X strong, field-grown, 2 and 3 years, $5.00 per 100; $40.00 per 1000. Ampelopsis Veitchii, strong, 2 year, field-grown, $5.00 per 100; $45.00 per 1000; strong, 3 years, from 4-in. pots, $8.00 per 100. Clematis Paniculata, strong, field-grown, 1 year, $3.50 per 100; $25.00 per 1000; 2 years, $5.00 per 100; $40.00 per 1000; 3 years, $8.00 per 100, $75.00 per 1000. Clematis Flammula, X strong, 3 years, $6.00 per 100. Euonymus Radicans Variegata, strong, 2 and 3 years, $6.00 per 100; $50.00 per 1000. Ivy, English, strong, 1 year, field-grown, 2 to 3 ft., $5.00 per 100; $40.00 per 1000; strong, 1 year, from 4-in. pots, $8.00 per 100; $70.00 per 1000. Honeysuckle, Hall's Japan, strong, 2 years, field-grown, $5.00 per 100; $40.00 per 1000; X strong, 3 years, field-grown, $6.00 per 100, $50.00 per 1000. Samples sent on application. Address,
Mount Airy Nurseries, 7356 Germantown Ave., Philadelphia, Pa. Thaddeus N. Yates, Proprietor.

20,000 Clematis paniculata, 2 years, open ground and pot grown; 10,000 Ivies, 1 year, from open ground; 10,000 Ampelopsis Veitchii, 1 year, pot grown; 10,000 Hall's Honeysuckle, very strong; 5,000 Evergreen and Golden Honeysuckles, very strong; 10,000 Rosa Wichuraiana, 1, 2 and 3 years; 3,000 Wichuraiana, hybrids; 2,000 Actinidia arguta; Wistaria and other vines.
The W. H. Moon Co., Morrisville, Pa.

Boston Ivy (A. Veitchii). Pot grown, $3.00 per 100; $25.00 per 1000. Cash with order. The John A. Doyle Co., Springfield, O.

Amepelopsis Veitchii, 2½ inch pots, $3.00 per 100. Russell Davis, Xenia, Ohio.

COLEUS.

Crimson Verschaffeltii and Golden Bedder, stock plants, 4-in., $1.00 per doz.
Converse Greenhouses, Webster, Mass.

1000 named coleus, 10 varieties, field plants, $5.00 per 100.
Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J Berckmans, Augusta, Ga.

CYCAS.

Cycas revoluta, 4-inch pots, 3 to 4 leaves, $3.00 per dozen; 5-inch pots, 4 to 6 leaves, $4.00 to $6.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Fine, healthy plants, 3-in., $4.00; 4-in., $8.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen Giganteum, 2½-inch, $4.00; 3-inch, $8.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Cyclamen giganteum, 3-in., $5.00 per 100.
J. W. Miller, Hatton, Pa.

CYPERUS.

A few hundred cyperus, 3-in. pots, fine. $4.00 per 100. Cash. Critchell's, Cincinnati, Ohio.

If you read these advs. others would read yours.

DAHLIAS.

Dahlias. Selected fancy varieties for cut and show flowers. Clifford W. Bruton, Wm. Agnew, A. D. Livoni, Duchess of Cambridge, Frank Smith, Souv. De Mme. Moreau, Ruby Queen, Black Prince, Henry Patrick, Arabella, Penelope, Crimson Beauty. Large clumps, from the ground, at $3.00 per doz. Fred'k C. Schweinfurth, Bronxville, N. Y.

ERICAS.

Ericas for delivery from Oct. 1. Erica fragrans. Christmas variety, small plants, $10.00 per 100; 2-year-old, set with buds ready for Christmas forcing, $50.00, $75.00 and $100.00 per 100. Larger plants, up to $5.00 each. Erica Wilmoreana, well set with buds for Christmas, $50.00 and $75.00 per 100.

Varieties which will bloom after Christmas and for Easter—Erica cupressina, the best, $75.00 and $100.00 per 100. Erica pers. alba, $6.00 and $9.00 per doz. Erica pers. rosea, $6.00 and $9.00 per doz.

Small plants for ferneries, etc., which will bloom this fall and winter—Erica pers. rubra, $10.00, $15.00 and $20.00 per 100, 3½ in.; pink. Erica gracilis autumnalis, $20.00 per 100; pink. Erica pers. alba, $8.00, $10.00 and $15.00 per 100. Erica pers. rosea, $8.00, $10.00 and $15.00 per 100.

Cash with order from unknown parties. When ordering add to a $10.00 order 50c for packing; $25.00, $1.00; $50.00, $1.50; $75.00, $2.00; $100.00, $2.50.

Anton Schultheis, P. O. Box 78, College Point, Queens Borough, New York City.

FARFUGIUM.

Farfugium grande, the beautiful Leopard plant, 3-in., nice plants, $1.50 per doz., postage paid. G. P. Moore, Ocean City, N. J.

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Our stock is larger than ever and in fine condition.

Varieties.	Size Pot.	Per Doz.	Per 100
Adiantum Cuneatum	5-inch	$2.00	$15.00
Pteris Cretica Albo-Lineata	2-inch	.50	4.00
Pteris Serrulata Cristata	2-inch	.50	4.00
Pteris Serrulata	2-inch	.50	4.00
Pteris Tremula	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Exaltata	6-inch	3.00	20.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	4-inch	2 00	
Nephrolepis Boatoniensis	5-inch	3.00	
Nephrolepis Bostoniensis	6-inch	5.00	
Nephrolepis Bostoniensis, 7-inch pans, $9.00 per doz.			

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

100 ferns, fine bushy plants, assorted varieties—Cytromium Falcatum, Onychium Japonicum, Pteris cretica albo-lineata, Pteris Adiantoides and Argyraea, well packed and sent expressage prepaid, to any point east of Chicago or north of Richmond, for $4.00 cash. Seedling ferns, $1.00 per 100.
R. G. Hanford, Norwalk, Conn.

Big Boston ferns; pot-grown, ready for 8, 9 and 10s; 20 to 30 fronds, two to three feet long. There is money in them for you as they are just what you want for your fall trade. 1st size $1.00, 2nd size 75c each. Get them while they are going. A. J. Baldwin, Newark, Ohio.

Fern spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00 postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston ferns. A few hundred from 6-in. pans, $4.00 per doz.; $25.00 per 100. This is the original and genuine, look out for "fake" stock. Above price for immediate sale and cash with order.
Freeman & Fletcher, Auburndale, Mass.

Hardy ferns for cultivation; 40 varieties; try them in your planting, they will thrive and increase in size and beauty where other plants fail. Catalogue of these and other herbaceous perennials. Edw. Gillett, Southwick, Mass.

N. cordata compacta, old plants from bench, $6.00 per 100; small plants $1.00 per 100. Will exchange 100 old plants for 50 each M. de Layer and Mrs. E. G. Hill geraniums. Cash with order. H. P. Smith, Piqua, Ohio.

Assorted ferns, $10.00 per 1000, Boston ferns $5.00 per 100; $40.00 per 1000. Larger plants, $10.00, $20.00 and $50.00 per 100. Extra large plants, from $1.50 to $4.00 each. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Boston ferns and Davallioides furcans, extra fine, from bench, ready for 4-in. pots, 10c; 5-in., 15c; 6-in., 25c. Cash with order, or 25 per cent if C. O. D. A. Nelson, Box 1450, Paterson, N. J.

Boston Fern. From 2½ inch pots, $3.00 per 100; $25.00 per 1000. From 4 inch pots, $1.00 per doz., $8.00 per 100. Fine stock, grown cool. Caah with order. The John A. Doyle Co., Springfield, O.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate. Wm. A. Bock, No. Cambridge, Mass.

Ferns. This year our ferns are in fine shape. A good variety and fine bushy stock. 2¼-in. pots, $3.00 per 100; $28.00 per 1000.
Henry Weston & Bro., Hempstead, N. Y.

N. Bostoniensis (Boston fern), and N. corcadata compacta, from 2½-in. pots, $2.50 per 100. Fairview Floral Co., Beatty, Ohio.

Boston ferns, to clean up, 2½-in., $2.50, 3-in., $5.00 per 100. Conard & Jones Co., West Grove, Pa.

Boston ferns, fine plants, 5-in., $3.00, 6-in., $4.50, 7-in., $6.00 per doz.
Converse Greenhouses, Webster, Mass.

Boston Ferns from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Nephrolepis Cordata Compacta, 2½-in., $3.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

Boston ferns, 5-in., 10 to 15 fronds, 2 ft., 15c. Cash please.
Benj. Connell, West Grove, Pa.

2,000 Selaginella. Strong plants, from 3½-in. pots, $6.00 per 100.
John Reck, Bridgeport, Conn.

15,000 extra fine Boston ferns in all sizes of pots now ready for shipment. Write for prices.
Geo. A. Kuhl, Pekin, Ill.

Jardiniere ferns, elegant stock, $3.00 per 100; $25.00 per 1,000. J. B. Heiss, Dayton, Ohio.

500 choice ferns, mixed, 4-in., $8.00 per 100. Morris Floral Co., Morris, Ill.

For Boston ferns write John Welsh Young, Germantown, Pa.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100
6	22 to 23	12 to 14	$0.75	$ 7.20	$ 60.00
7	24 to 28	14 to 16		10.00	75.00
8	28 to 34	16 to 18		12.00	100.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Ficus elastica, in fine condition, grown in 5-in. pots, $4.00 per doz.
C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Ficus, strong, 6-in., 15 to 18 inches high from top of pot, $5.00 per doz.; $35.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

A few fine rubber plants, single stems, 5 to 6 ft. high, $1.00 each. Cash.
Critchell's, Cincinnati, Ohio.

FORGET-ME-NOTS.

Forget Me Nots (winter), 2-in., $3.00; 4-in., very strong, $6.00 per 100; rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1000. P. J. Berckmans Co., Augusta, Ga.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

GERANIUMS.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Geraniums, double and single, Grant, Mme. Bruant, Mrs. E. G. Hill, Poitevine, Bonnat and S. A. Nutt, 3-in., $5.00 per 100. Cash.
Geo. M. Emmans, Newton, N. J.

S. A. Nutt, Grant, Lafavorite and Pink, large plants, full of cuttings for stock, $5.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

10,000 geraniums, June rooted, a mixture of 40 choice varieties, 2½-in, $1.50 per 100. 2000 stock plants, mixed, field-grown, $5.00 per 100.
Morris Floral Co., Morris, Ill.

Geraniums, rooted cuttings, named, $1.25 per 100; unnamed, $1.00 per 100. G. Guy Swanger, Shiloh, Ohio.

Gen. Grant, S. A. Nutt, good plants, 2½-in., $2.50 per 100.
Converse Greenhouses, Webster, Mass.

Geraniums, 100,000 rooted cuttings, send for prices. Greene & Underhill, Watertown, N. Y.

Apple geraniums, 3-in., strong, 4c.
H. Steinmetz, Raleigh, N. C.

GREVILLEA.

Grevillea robusta, 3-in., extra fine plants, $5.00 per 100. Mangelsdorf Bros. Co., Atchison, Kan.

HARDY PLANTS.

Hardy Herbaceous Plants. Ready to ship now. Plant early and let them get established before winter. All strong individual clumps.

	Per 100.
Achillea The Pearl, 3½-in. pots, very fine.	$4.00
Alyssum Saxatile Compacta, field-grown	5.00
Artemisia (wormwood), field-grown	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots	5.00
Aster Pyramidalis Hybrida, 3½-in. pots	5.00
Anthemis Kelwayi, 3½-in. pots	5.00
Aquilegia Vulgaris, mixed, field-grown	5.00
" " dbl. white, field-grown	6.00
" Chrysantha, field-grown	6.00
" Caerulea, field-grown	7.00
Caryopteris Masticanthus, 3½-in. pots	4.00
Hardy Chrysan'mums, asst., field-grown	4.00
Coreopsis Lanceolata, 3½-in. pots	4.00
Campanula Pyramidalis, blue or white, field-grown	5.00
Chrysanthemum Uliginosum, field-grown	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, field-grown	4.00
Digitalis Monstrosa, field-grown	5.00
Funkia Subcordata Grandiflora, field-grown	8.00
Lavendula, field-grown	5.00
Lychnis Chalcedonica, field-grown	5.00
Gypsophila Paniculata, field-grown	5.00
Geum Atrosanguineum, field-grown	5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots	4.00
Hemerocallis Flava, field-grown	4.00
Hemerocallis Sieboldii, field-grown	6.00
Hibiscus Crimson Eye, 3½-in. pots	3.00
Iberis Gibraltarica, field-grown	5.00
Japanese Primrose, 3½-in. pots	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, field-grown	5.00
Scabiosa Caucasica, field-grown	6.00
Statice Latifolia, field-grown	7.00
Monarda Didyma, field-grown	5.00

Edward B. Jackson, Stamford, Conn.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilia paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas S. Dutton, 85 West 12th St., Holland, Mich.

Dianthus barbatus (Sweet William), single, finest mixed colors, transplanted, $1.50 per 100. Dianthus (Japan Pinks), double, finest mixed colors, transplanted, $2.00 per 100. Hemerocallis flava (Lemon Lily), $2.00 per 100. S. J. Galloway, Eaton, Ohio.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

About 300 kinds of hardy perennials, lilies, orchids, ferns, campanulas, delphiniums, hardy pinks, iris, lychnis, aquilegias. Catalogue sent. Edw. Gillett, Southwick, Mass.

Choice shrubbery at lowest surplus prices. All first class transplanted stock. Also evergreens and shade trees, cheap. E. S. Peterson & Sons, Box 17, Montrose, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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American tree seeds. Our descriptive catalogue of American seeds is just out. Ask for it. Pinehurst Nurseries, Pinehurst, N. C.

Send for trade list, now ready, of tree and shrub seeds, tree seedlings, etc. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

5,000 hardy grass pinks, 4-in., assorted, $3.00 per 100. Morris Floral Co., Morris, Ill.

Arundo Donax var., $5.00 per 100.
H. Steinmetz, Raleigh, N. C.

HELIOTROPE.

Heliotrope, 3 var., 2-in., $2.00 per 100.
Converse Greenhouses, Webster, Mass.

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New Hibiscus, Peachblow. From 2½ in. pots, $4 a 100. Cash with order. John A. Doyle Co., Springfield, O.

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Otaska, Red-Branched and Thos. Hogg, magnificent, strong plants, with 4 to 7 crowns, $10.00 per 100; $85.00 per 1000. Jackson & Perkins Co., Newark, New York.

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A few good English Ivy, 4 in., $1.00 per doz.; $8.00 per 100. Chas. E. Meehan, Germantown, Phila., Pa.

English ivy, strong, $4.00 per 100. Cash with order. Frank Jencek, Box 238, Newport, R. I.

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Cape Jasmine, 4-in., pure white flowers the year round, $1.50 per doz.; $10.00 per 100. Cash.
Critchell's, Cincinnati, Ohio.

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Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

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Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100.
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3-year-old clumps, 8. to 15 pips each, $2.50 per 100; $18.00 per 1,000. Cash with order.
Wm. A. Finger, Hicksville, L. I., N. Y.

MUSHROOM SPAWN.

We have strictly fresh stock from the best English maker, 10 lbs., $1.00; 25 lbs, $2.00. Special price on large lots.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P .J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., $4.50 per 100; $40.00 per 1000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summitt, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Officinalis rubra, dark red, 2 to 3 years old, 4 to 8 crowns, also Paeonia chinensis, in mixture, 2 years old, $6.50 per 100. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

We have 100 named double varieties, selected for florists' use; all good for cut flowers. 1 each of 100 varieties, $15.00; 1 each of 50 varieties, $6.00; 1 each of 25 varieties, $3.00 Standard red, pink and white $1.20 per doz.
Indianapolis Flower & Plant Co., Indianapolis, Ind.

PALMS, ETC.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size Pot.	Height Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	
8	42 to 48	6	3.25	39.00	300.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15 00	150 00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	20 to 24	5 to 6	..75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	....	1.00	8.00	75.00
3½	12 to 15	5 to 6	.$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00		$ 8.00
3½	12 to 14	3 plants in pot	$2.00		15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.
10	40 to 45	6 to 8	$3.50

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6 extra fine			18.00	

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cts.; 3-inch, $1.25; 4-inch, $2.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Home-grown palms, free from insects and disease. They cannot fail to give satisfaction.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24	$12.00	$100.00
3 plants	8	30	30.00	.....
3 plants	8	36	36.00	.....

KENTIA BELMOREANA.

Inch pots.	leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$4.50	$35.00
6	6	24	15.00	125.00
6	6-7	26	18.00	150.00
			Each.	
8	6-7	30-32	3.00	.....
8	7-8	36	4.00	.....

KENTIA FORSTERIANA.

Inch pots.	leaves.	Inches high.	Per doz.	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

Hardy, stocky and perfect in every respect. The best at fair prices.

Areca Lutescens. Three plants together, 4 inch at 25c.; 6 inch at 50c., 75c. and $1.00; 8 inch at $1.50; 10 inch at $4.00 and $5.00; 14 inch and 16 inch, fine bushy specimens, at $15.00 to $35.00 each.

Latania Borbonica. Strong and stocky, 4 inch at 25c.; 6 inch at 50c. and 75c.; 8 inch at $1.50.

Kentia Belmoreana. Strong plants, 3 inch at 25c.; 4 inch at 40c. and 50c.; 5 inch at 75c.; 6 inch at $1.00, $1.25, $1.50; 8 inch at $2.00.

Kentia Forsteriana. 3 inch at 25c.; 4 inch at 40c. and 50c.; 8 inch at $2.50; 8 inch bushy, at $3.50; 8 inch, with Latania Borbonica, at $3.50.

Livistona Rotundifolia. 4 inch at 40c.; 5 inch at 75c.

Pandanus Veitchii. 6 inch at $1.00; 8 inch at $2.00.

Ficus Elastica, Araucaria Excelsa, Cocos Weddeliana, etc., etc.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't In.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Kentia Belmoreana and Forsteriana, 2½-in., 10c; 3-in., 18c; 4-in., 35c; 5-in., 50c each. Areca Lutescens, 3 in., 3 plants to pot, 18c; 4 in., 25c each. All cool grown, nice clean stock, and cannot be duplicated anywhere for the money. Cash with order.
Geo. M. Emmans, Newton, N. J.

Sago Palms. Fine stock, $3.00, $4.00 and $5.00 per doz. Latania Borbonica, 3-in., good stock, $10.00 per 100; 4-in., very fine, ready for 6-in., $20.00 per 100; 5-in., full character lvs., $5.00 per doz.; 6-in., fancy stock, $9.00 per doz., all clean and in the best of shape. Cash.
Critchell's, Cincinnati, Ohio.

Areca Lutescens, ready for pots, $2.00 per 100; $18.00 per 1000. Kentia Belmoreana, 2-in. pots, $6.00 per 100; Pandanus Veitchii, fine, large plants, in 8-in. pots, $2.00 each. Pandanus Utilis, in 8-in. pots, $1.50 each. John Scott, Keap Street Greenhouses, Brooklyn, N. Y.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

For palms and other decorative plants write N. Studer, Anacostia, D. C.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Fine, stocky, field-grown plants of the famous Diamond strain; largest in size and greatest variety of rich and rare colors; over 60 distinct sorts and an endless variety of shades and markings; all colors, mixed, by express, $4.00 per 1,000; $2.25 per 500: by mail postpaid 75c per 100. Cash with order. Pansies a specialty for 25 years. L. W. Goodell, Pansy Park, Dwight, Mass.

Herr's Pansies. Always the best and better every year. Plants only, and ready Oct. 1st to Jan. 1st. Free by mail, 75c per 100; 250 for $1.50; 500 for $2.50; by express at your expense, $4.00 per 1000. A. M. Herr, Lancaster, Pa.

PANSY PLANTS—Continued.

50,000 pansies. Choice, large-blooming strain, strong and stocky, plants grown thinly in open field. Mixed colors, by express, $4.00 per 1,000. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Surplus stock, extra strong plants from field, the pick of the best strains in existence, either for show or bedding, $2.50 per 1,000; $10.00 per 5,000. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

Pansy Plants (Roemer's Giants). $5.00 per 1000. Yellow and white, separate. Would exchange for carnation plants. Edward Eggert, 42 Whiting St., New Britain, Conn.

Good, strong pansy plants, showing buds, $3.00 per 1000. Of the finest mixture.
A Wenisch, Duncomb Ave., Williamsbridge, New York City.

Pansy plants worth raising, 500 for $2.50; 1000 for $4.00. F. O. B. express here. Cash. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

Zirnglebel's Giant pansy plants now ready, Giant Market, $5.00, Giant Fancy $10.00 per 1000. Denys Zirnglebel, Needham, Mass.

Pansy plants, large flowering, 50c per 100; $2.50 per 1000. Cash please.
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Giant Trimardeau, strong and stocky, 75c per 100 by mail; $5.00 per 1000 by express.
Harry White, New Holland, Ind.

20,000 pansy plants, Giant Fancy, $4.00 per 1000. Morris Floral Co., Morris, Ill.

PRIMROSES.

A grand stock of Chinese Primula plants from selected large flowering strains, ready now. From 2½-in. pots, separate colors, semi-double flowers, $5.00 per 100; $40.00 per 1000. Separate colors, single flowers, $4.00 per 100; $35.00 per 1000. All colors mixed, $3.50 per 100; $30.00 per 1000. Cash or references.
S. Alfred Baur, successor to H. A. Niemeyer, Erie, Pa.

Chinese primroses. Globosa type, best strain grown, white, pink and red, 3-in., extra strong, $5.00 per 100. Baby primroses. Extra fine, 2½-in., ready for shifting, $4.00 per 100.
N. Smith & Son, Adrian, Mich.

Chinese, mixed, large flowering fringed, $1.50 per 100; Obconica grandiflora and rosea, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

10,000 Chinese primulas, in separate colors, white, pink and red; Barnard's strain, strong 2½-in., $1.50 per 100.
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Primula Chinensis. Large plants, 2½ inch pots, at $3.00 per 100. Edw. Eggert, 42 Whiting St., New Britain, Conn.

Baby primroses, 2½-in., $3.00 per 100. Cash. Sample 5c. W. J. Braim, 36 Saratoga St., Utica, N. Y.

Chinese primroses, red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, latest improved, large flowering, fine plants, ready for 3½-in., $2.00 per 100.
J. W. Miller, Hatton, Pa.

Baby Primrose, 2¼-in., $4 00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Primroses, 3-in., $5.00 per 100.
Converse Greenhouses, Webster, Mass.

ROSES.

200,000 Roses. From 2½ inch pots, $2.50 per 100; $20.00 per 1000. Golden Gate, Crimson Rambler, La France, Striped La France, White La France, Mosella, Kaiserin, Bride, Maid, Etoile de Lyon, Meteor, White Maman Cochet, Merechal Niel, Pink Maman Cochet, C. Soupert, Pink Soupert, The Queen, Muriel Graham, Burbank, Marie Van Houtte, Gen. Lee, Malmaison, Mrs. Degraw, P. Pere, Abel Chatenay, Caroline Marniesse, Yellow Rambler, Empress of China. Cash with order, please. The John A. Doyle Co., Springfield, Ohio.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55 00 per 1000. Liberty, 12 plants for $7.20, 25 for 12.50, 50 for $15.00, 100 for $28.00.
Wood Bros., Fishkill, N. Y.

Brides, Meteors, Maids, Golden Gate and Perles, 3 and 3½-in pots, 12 to 18 inches high, full of buds, except the Perles, which are out of 2½-in pots, but are fine, thrifty plants, all for $2.50 per 100; $20.00 per 1,000.
South Side Floral Co., Springfield, Ill.

Rosa rugosa, 18 to 24 inches, $5.00 per 100, 6 to 12 inches, seedlings, $12.00 per 1000. Crimson Ramblers, 18 to 24 inches, strong, $6.00 per 100. The above are field-grown. Cash with order. Frank Jencek, Box 238, Newport, R. I.

American Beauty, 4-in., selected, $15.00 per 100. Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
R. H. Murphey, Urbana, Ohio.

Make us an offer on 1,000 Perles, 2,000 Maids and 500 Meteors. Make us an offer, we must have the room. Geo. A. Kuhl, Pekin, Ill.

Roses for the South. Varieties best adapted for southern planting, stock A 1. Write for price list. J. B. Heiss, Dayton, Ohio.

Field-grown roses, $8.00 per 100. Crimson Rambler, 2 to 4 ft. Wm. K. Nelson, Augusta, Ga.

Meteors, Perles, Maids and Brides, fine stock, 3-in., $3.00 per 100; $20.00 per 1,000.
Crabb & Hunter, Grand Rapids, Mich.

Field-grown roses. The Bride, Bridesmaid and Perle, $5.00 per 100.
Morris Floral Co., Morris, Ill.

Strong, 2-year field-grown Baltimore Belle, own roots, $2.00 per doz.
S. J. Galloway, Eaton, Ohio.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

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The two new Russelias, Lemoinei multiflora and Lemoinei elegantisaima, 60c per doz.; $4.00 per 100.
Good & Reese Co., Springfield, Ohio.

SEEDS.

Cyclamen giganteum, fine, mixed, $12.00 per oz.; 100 seeds 50c. Hardy Primulas, trade pkt., 20c.; oz. $4.00. Yellow primulas, trade pkt., 25c. Vinca, mixed, $1.00 per oz. Pansy, giant Mme. Perret, the finest pansy in the market, extra strong grower, large-flowering, most all colors, the only one fit for cut flowers, per pkt., 25c; per oz., $4.00. Melle Cecile Davy, the only pansy in the market, stands more hot weather than any other kind, trade pkt., 25c; oz. $4.00
Beaulieu, Woodhaven, N. Y.

Pansy seed, improved German-American mixture, $5.00 per oz. Cyclamen, best English, $1.00 per 1-32 of oz. Primula, the best English, 50c trade pkt.; Rolker's superior mixture, $1.50 per 1-16 oz. Cinerarias, best English, large flowering, 50c per trade pkt.
August Rolker & Sons, 52 Dey St., N. Y.

Zirnglebel's Giant Pansy seed. Market and Fancy varieties, trade pkt., $1.00 each, either strain. D. Zirnglebel, Needham, Mass.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, Giant Fancy, 1-5 new ruffled, $4.00 per oz. Morris Floral Co., Morris, Ill.

Pansy seed, 3-16 oz., $1.00; 1 oz., $4.00. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Good bushy plants from 2 and 2½-in pots; must sell to make room; $5.00 per 1,000; 75c per 100. Write for sample. R. Kilbourn, Clinton, N. Y.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, 2½-in., $1.50 per 100.
Converse Greenhouses, Webster, Mass.

Smilax, 2¼-in., $1.50 per 100.
Jos. E. Bonsall, Salem, Ohio.

SPIRAEA.

Blue and crimson spiraea, 2½-in., fine, 3c; field stock, 6c. Cash.
Benj. Connell, Florist, West Grove, Pa.

VEGETABLE PLANTS.

Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1000, $8.50 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball, 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

VERBENAS.

Lemon verbenas, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 2¼-in. $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
Greene & Underhill, Watertown, N. Y.

500 variegated vincas. Strong field-grown plants, vines 3 to 5 ft. long, $10.00 per 100. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Vinca Variegata. Field-grown, elegant plants, $5.00 per 100. Cash with order. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

Vinca major var., field-grown, 2 to 3 ft., fine, $6.00 per 100. Cash please.
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Vinca major variegata, strong, field-grown clumps with 6 to 10 long growths, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

Vinca Variegata, $4.00 per 100. Russell Davis, Xenia, O.

VIOLETS.

Money in violets. Practice the methods of culture and marketing explained in Professor Gallaway's book, Commercial Violet Culture, 224 pages, elegantly printed and illustrated, price, postpaid, $1.50. Other books of same publishers are The Water Garden, by Wm. Tricker, price $2.00; Commercial Plants, by G. W. Oliver, price $1.00. Residential Sites and Environments (Landscape Gardening), by J. F. Johnson, price $2.50. Send for Catalogue. Address A. T. De La Mare, Ptg. & Pub. Co., Ltd., 2 Duane St., New York.

La France and Princess of Wales violets, large, field-grown plants, $5.00 per 100. The California, clumps from open ground, $3.00 per 100; $25.00 per 1000.
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Lady Campbell, fine clumps; field-grown; clean and healthy; grown from young cuttings rooted in sand last spring, $3.00 per 100; $25.00 per 1000. Will send plants that will please. Well packed.
Chas. Black, Hightstown, N. J.

Lady Campbell, from pots, $2.50 per 100; $20.00 per 1000; from 3 and 3½-in., $4.00 per 100; $35.00 per 1000. Field-grown Lady Campbell, $4.00 per 100; $35.00 per 1000.
Crabb & Hunter, Grand Rapids, Mich.

Field-grown violets, $5.00 per 100; $40.00 per 1000. Pot-grown, 3-in., $3.00 per 100; 4-in., $4.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

California clumps, fine, $3.00 per 100. L. H. Campbell clumps, fine, $5.00 per 100. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Violet plants. 3000 Campbell, strong, field-grown, free from disease of every kind, $4.00 per 100; $35.00 per 1,000.
E. R. Lowe, West Roxbury, Mass.

500 fine field-grown clumps, M. Louise, $5.00 per 100. 2000 2½-in. pot grown, $2.50 per 100; $23.00 per 1000. J. J. Lamprecht, Xenia, Ohio.

8,000 Lady H. Campbell Violets. Large, field-grown plants, $5.00 per 100; $45.00 per 1000. Richard Langle, White Plains, N. Y.

Marie Louise violets from 2½ and 3-in pots, $2.50 to $3.00 per 100; $25.00 to $30.00 per 1,000. A. S. MacBean, Lakewood, N. J.

Field-grown. Farquhar, Marie Louise and California, $3.00 to $5.00 per 100. Good stock. Frederick A. Taylor, Canastota, N. Y.

Farquhar, 2¼-in., free from disease, $2.50 per 100. Greene & Underhill, Watertown, N. Y.

1000 Lady Campbell violets, field-grown, $3.00 per 100. Eli Cross, Grand Rapids, Mich.

Field-grown Marie Louise, $3.50 per 100. Russell Davis, Xenia, O.

Violet plants $5.00 per 100. A. H. Brown, Westboro, Mass.

California and Campbell, $4.00 per 100. Converse Greenhouses, Webster, Mass.

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McGowan, Scott, Portia and Flora Hill carnations for cyclamen or ferns. J. C. Murray, Peoria, Ill.

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New list just issued, Cape flowers, Immortelles, Cycas leaves and wreaths, Funeral sheaves, etc., etc., all at lowest cost for best quality. Send for copy to August Rolker & Sons, 52 Dey St., New York.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
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Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 55c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Phila., Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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Bateman Mfg. Co., Grenloch, N. J.

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"Greenhouse Putty" (trade mark) for Florists. T. H. Nevin Co., Allegheny, Pa.

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Greenhouse glass a specialty, Sprague, Smith Co., 207-209 Randolph st., Chicago.

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Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

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Send for descriptive circular of the best florists' hose nozzle on the market.
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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Manufacturers' Rubber Co., 45 Vesey st., N. Y.

Good Hose, J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch st. Phila., Pa.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.
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Whilldin Pottery Co., Philadelphia, Pa.

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L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

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C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

CATALOGUES RECEIVED.

C. D. Ball, Holmesburg, Phila., Pa., wholesale price list of palms and decorative plants; Pinehurst Nurseries, Pinehurst, N. C., list of conifers, palms, trees, shrubs and herbaceous plants; F. Ludeman, San Francisco, Cal., wholesale list of California and Japan bulbs and plants; F. Banning, Kinsman, Ohio, list of hybridized gladioli; Finley Lawn Rake Co., Joliet, Ill., descriptive circular and testimonials in regard to the Finley Lawn Rake; Williams & Sons Co., Batavia, Ill., catalogue of florists' supplies; Schlegel & Fottler, 26 So. Market street, Boston, Mass., autumn list of bulbs and plants; P. J. Berckmans Co., Augusta, Ga., catalogue No. 1, containing full list of fruit trees, small fruits, deciduous and evergreen shrubs and trees, ornamental hedge plants, grasses, etc.; R. & J. Farquhar, 16 So. Market street, Boston, Mass., catalogue of bulbs, plants, shrubs and seeds for fall planting; W. W. Barnard & Co., 161 Kinzie street, Chicago, wholesale list of seeds, bulbs and sundries for florists.

THE REVIEW'S classified advs. enable you to find with the least possible effort whatever stock you may need.

SUBSCRIBERS are requested to mail us items of general trade interest at any time.



THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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MARYVILLE, MO.—C. H. Hollied has bought out the business of John Lieber and will continue same. Mr. Lieber retires from the trade.

OAKLAND, CAL.—Mr. James Niven, of the Thermal Vale Nursery, has been laid up for a month as the result of a bad cold, but is now able to attend to business again.

SAN FRANCISCO, CAL.—The California Chrysanthemum Club has been organized. The directors are: B. Thompson, H. Viner, J. Damozonia and D. Harrison, all of this city.



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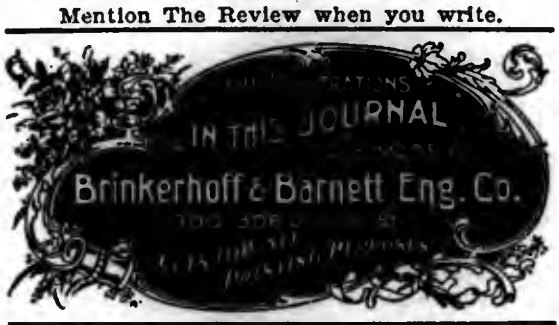
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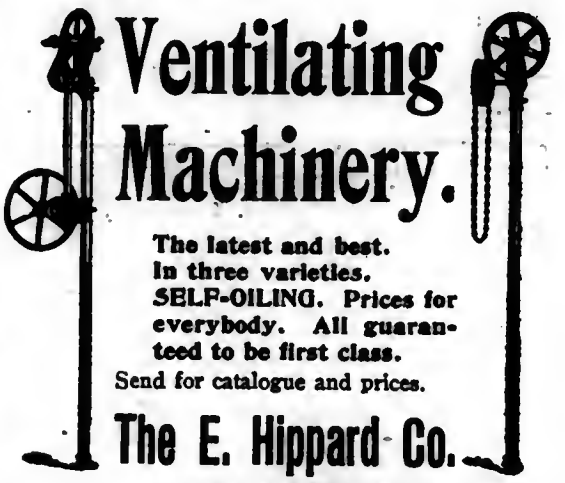
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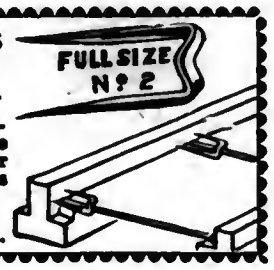
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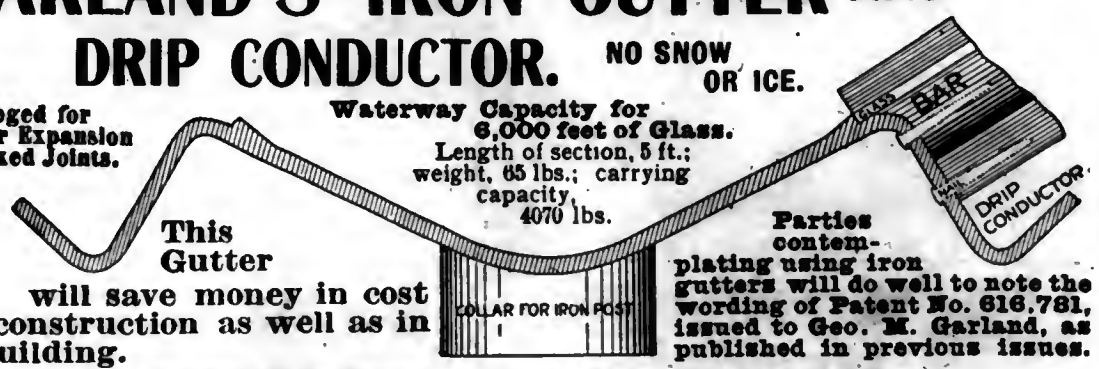
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FLORISTS' PUBLISHING CO., 520-538 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, OCTOBER 18, 1900. No. 151.

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THE RETAIL FLORIST.....

Plants.

The principal New York florists' stores are made to look very attractive at present with an abundance of clean, well grown plants, most of which are grouped about the stores or windows. Kentias predominate among the palms, though there are many inquiries for good sized cool grown Areca lutescens. Any one having such stock for sale should let the fact be known. Boston ferns abound everywhere and are being offered at very low prices; in another month or two good stock will be scarce. It seems a pity that growers should unload such vast quantities of valuable stock on the market at times when it is least wanted; the grower may raise the prices of plants with impunity later on but the retailer can seldom do so; whatever he sells a plant for now he is expected to duplicate at the same price at all times.

This is one great trouble with the present overflow of Boston ferns. Fine plants in 3 and 4-inch pots can be bought in any quantity at from 8 to 15 cts. The market is deluged through the auction rooms. Such plants are not salable in a retail sense; they are useful in the store sometimes for cutting, and once in a while for basket or window work. This fern is scarcely presentable to the American retail customer unless in good big sizes; a 6-inch pot or pan is the smallest for satisfactory effect. Many of the retailers have been buying up small plants for the purpose of putting them into pans and growing them on. In this they have rendered the general market a great service and made wise investments for themselves. Life is altogether too short to wait until one plant furnishes up even a 6-inch pan, and many growers make this mistake. Put two or three or more plants in (not bunched together in the center but at convenient distances) and they will be ready for you much quicker.

Boston ferns will grow better and last longer in pans than in pots. Their roots do not seek the bottom of pots, and besides it not infrequently occurs that they get insufficient water in pots. It has been our experience that ferns in pans give much more satisfaction, both as permanent and temporary decorative material in the dwelling house. It is often very difficult to hide a plant pot unless you happen to have a jardiniere or basket to fit, whereas the plant will invariably hide a tilted pan. The very finest effect can be made with Boston ferns grown in wire baskets. Most of you have decorations where such hanging baskets could be used to great advantage. Fix a few for future use.

There are a great number of colored foliage plants such as dracaenas, Pandanus Veitchii, crotons, etc., being shown just now, and those who have vases, boxes or conservatories to fill should use as many as they can to bring out the full value of variety. It is true that the majority of plant buyers look upon such plants as Dracaena fragrans, D. Massangeana and D. Lindeni as corn, but there are other varieties of this splendid class of plants deserving a more prominent place than they at present occupy. Of course it would be unwise for many florists to handle much of highly colored plants, but the majority could often use many of them if only for a change in their own windows. We know the average plant buyers expect their purchase to last for a year or more, and in consequence it is safest to buy only the plants that are able to withstand any kind of treatment, but we must not be narrow, we must encourage a desire for variety and give full recognition to novelty. We often have to buy flowers for window decoration; we should consider the purchase of plants in the same way, and if at times it appears advisable to use them up there are many ways to do so. Many a standing funeral design or basket would look very much better were a plant or two of some sort used in their makeup instead of the usual scraping up of tall flowers and cut ferns or cycas.

Orchids.

Some of the New York florists' windows, especially those on Broadway and the principal avenues, never looked better than they have recently when thousands of Cattleya labiata, both cut and growing, are used to make them attractive. Perhaps cattleyas were never so plentiful here as they were the past few weeks and the blooms are very fine. It seems almost a pity to see so many cattleyas at a time of the year when trade is dull. We always like to see such flowers not only kept out of the wholesaler's rubbish can, but bringing a good price to all concerned. We are once in a while scolded for recording facts about such things as cattleyas, but we consider that a duty, for as we understand it a newspaper should appeal to the majority and yet show mercy to the minority. But there, about cattleyas, of course when they are plentiful and there is no demand they must be sold at whatever price is offered. They have been sold retail even on Broadway at $4.00 per doz., and in another couple of weeks when the crop is over it will be the cause of some unpleasantness to ask more than double that for them.

We have always advocated the greater use of orchids and there are many ways in which they could be used to great advantage. For instance, there is nothing choicer for a lady to wear at any kind of evening party; they are appropriate alike for funeral or festive event, and they are in a way floral diamonds when used in a presentative manner. The great majority of people do not value them at their worth, a bunch of violets or a rose is far more preferable to them, and it is not right to condemn every difference of opinion. The great majority of retail florists dislike to advocate a greater use of orchids because it is either not safe to take an order for them, or the market has a nasty way of soaring skywards in price when you least expect it. To be sure, get all you can at all times, that may be business, but one dislikes to sell a dozen cattleyas for six dollars and have to pay almost that much to get them when he can make more out of selling a dozen Beauties or a box of mixed flowers.

We believe growers should have a regular scale of prices for scarce and choice goods and no wholesaler should be allowed to sell below that price. It is only once or twice a year that we see an overflow of such flowers as cattleyas or dendrobiums; we may be wrong but it appears to us bad policy to put them on a level with common stock, thus allowing them to become depreciated; 'twould be better to sell them at a fair price and let the retailer know the standing price for different grades or quantities.

Wearing Flowers.

Violets are quite plentiful and for the time of the year are exceptionally good, but somehow though the weather is good for wearing flowers outdoors very few of them are used. We have never seen less flowers worn on the streets this time of the year. Sometimes the reason is a simple one. Many people laugh when you mention ribbons or dress as cause for less flowers being worn. They imagine the people must buy flowers the same as they do meat. Little do they know of the powerful influence of the milliner's or dressmaker's shop. The rosette or bow of ribbon at present worn by many ladies over the left breast is responsible for much of the scarcity of flowers worn on the streets. The party who invented that chip of fashion did much harm to the florists' trade.

The custom of having the girls remove their hats in theaters may soon result in a more general adoption of the pretty custom of wearing natural flowers in the hair. Just a rose with very little foliage will do much to offset the hideous cluster of combs some girls wear, and it will add beauty to the most beautiful and even make the ugly attractive. We would rather encourage the girls to wear flowers in their hair than have politicians wear them in their coats. Of course both are desirable, but the former is most preferable.

Apropos of the latter we are glad to note that the New York florists intend to furnish the Republican paraders in New York on Nov. 3rd with pink carnations. It is expected that 50,000 carnations will be used as boutonnieres on this occasion. The flowers are to be given free by the growers and wholesalers. Many may doubt the wisdom of this act. It will of course make carnations scarce for a week before the parade, and no money will be made out of the parade. If the Republicans win the election carnations may get a great boost, but it would not be fair to ignore the fact that what McKinley likes does not represent all the flower buyers. It would be a serious matter if Democrats stopped buying carnations because it was made a Republican emblem. Some of the leading florists on Broadway, for instance, are members of the New York Democratic Club and it would not be wise for them to be too prominent in a free distribution of flowers to Republican paraders.

Our New York contemporary makes a mistake when it says, "this will be the first time flowers have been used as a party emblem," for in 1896 there were several thousand yellow chrysanthemums worn in the sound money parade, and they were sold, not given away. With the millions at the disposal of both great parties, especially the one we mention, it is a pity that some of it could not be got for the purchase of flowers. All honor to those who are struggling to more generally popularize flowers of any kind. We believe florists should ignore party, the same as other trades do, when it comes down to a matter of business. Republicans as a rule are not partial to the wearing of pink carnations. Only a man with a good deal of indifference will wear that color. White is a more generally worn color because it agrees better with either a red nose or a white shirt.

Pink carnations constitute a large part of the flowers used in all manner of decorations, and only the indifference of the Democratic party would prevent that flower being turned down on many an important occasion should the color be generally adopted. In times agone there was a "War of Roses," but the fight was over the color not the rose, and if we are to see this "War of Carnations" it is unfortunate that it cannot be also made a question of color, not of flower. Chrysanthemum growers ought to get up some scheme to dispose of the "Frowsey Heads" on election day, but there's nothing in it if you have to give 'em away. If you are inclined to be charitable visit the hospitals.

Notes.

Dahlias are now very fine, and the cactus varieties are being much used in vase and table work. Some of the colors or combinations of color are grand, and no table is too good for them, if well arranged. One color is best for table decoration, a mixture is more excusable elsewhere.

Good colored autumn foliage is scarce this year because the season was so dry; many trees have dropped their foliage without the usual brilliancy of coloring. Oaks, maples and sumach are yet green unless in a few patches along some water front.

The condition of the retail business will not be much better until after election. Pick up whatever you can and stop grumbling. There is nothing you can do but keep posted on who has the best stock and be always ready.

We see a new thing in pocket baskets in some of the stores. The idea and the material comes from Honolulu. It consists of a Sabal palm leaf dried and in natural color; the leaf is plaited to form a pocket basket and the stem of the leaf is left straight to hang it by. It is a pretty feature for the window or store and could be made a novel and charming item in extensive decorations. As they are constructed you would need to use wire netting if vases and water are put in them. They are only fit for holding loose shower bunches and this style of decoration is very beautiful when properly done.

We forgot to mention in last week's note on evergreens the scarcity of specimen plants of Thuya pyramidalis. New York florists could use plenty of them were they obtainable at a fair price in nearby nurseries.

IVERA.

THE BOSTON FERN.

There is an ever increasing demand for well grown Boston ferns, though drawn, weak and straggling plants are not wanted. To have graceful and compact plants one must pay a little attention to detail in culture and try to emphasize those qualities for which the Boston fern is so admired.

Early in the season take from your bench nice strong plants and pot according to size (2½, 3 and 4-inch), using a good, porous soil. Plunge into sphagnum and give room to develop, shading the house moderately. As these need repotting add more manure to the soil until the final shift when they can stand the pure article if well rotted hotbed or cow manure. At no time should they suffer from lack of water or light syringing, but a stagnant atmosphere should always be avoided. Plenty of room is essential for development.

The azalea pot suits them admirably and perfect specimens are obtained by suspending the pots from the roof as you would a hanging basket. You then lose the runners that form when plunged in sphagnum, but this is more than offset by the saving of room in the house. JOSEPH REEVE.

ARRANGEMENT OF ORCHIDS AND FOLIAGE.

We present herewith an engraving from a photograph of an arrangement of orchids and foliage that shows the possibility of variety in the work of the florist and that very pleasing effects can be secured by the use of material not ordinarily employed. The picture shows an arrangement by Mr. W. A. Manda, some years ago. It will we believe be very suggestive to many of our readers.

THE LIBERTY ROSE.

Best Treatment.

Editor Florists' Review: Your favor of the 10th inst. to hand and I hasten to answer. I was sorry to hear that my Western colleagues are not successful with the growing of the Liberty rose, but I believe some of the Eastern men also have failed to obtain good results, whereas others have done finely. I myself, have this year planted 12 houses with them, about double of what I had last year, and with the exception of one house, they are all in the pink of condition, three to four feet in height. The one house, through a little neglect got a bad dose of black spot, which seems hard to check. I will give you herewith the methods I use and under which Liberty has so far given me the most excellent results.

I plant them in good rich loam, or rather sod, mixed with about one-third of good old cow manure, giving them at all times a liberal amount of water. Keep all young buds, as soon as they are about the size of small peas, well nipped out, but be sure, when nipping out the buds, to nip them with about two or three leaves, according to the thickness of shoots. Liberty is a persistent bloomer, and if you only nip the bud alone, it will throw other small buds, instead of good flowering shoots. The consequence is, you will not get any wood, but only small buds without any stem. By nipping them two or three eyes lower, you will avoid that and get good flowering wood.

By no means allow your plants to get checked or hard. Do not allow them to flower before they have obtained a good height, say three or four



Arrangement of Orchids and Foliage.

feet or more, which you can get only by keeping the buds off, before the wood gets hard. This I find is the only secret in growing Liberty. If my advice on this point is strictly followed I do not think anybody need have any fear of Liberty not growing.

Be careful about your details, such as watering and ventilation. They require about the same temperature as Brides and Maids, but can stand a little more water. I give mine a night temperature of 58 to 60 degrees with a ten degree increase on bright, sunny days.

Up to this year they have been almost black spot proof with me, but the one house I have this year, shows me that they are like most all Hybrid Teas, subject to that dread disease. If attacked, be careful that every spotted leaf is removed and do so at once. As soon as you see a few spots do not wait until your whole plant is infested; then it will be too late to check it. I find by using carbonate of copper dissolved in ammonia and about one gill to a watering can of water, a preventive, but not a cure. It is used by syringing two or three times a week.

In conclusion I would say, do not look for real good colored Liberties before the weather gets cool. I have never had good blooms before November, and you will get them a good deal finer in December, and January, when Liberty is at its best.

If I have by this been unable to make it clear to your readers how to grow Liberty, I am at all times willing to answer any question upon the subject they may ask, and would ask as a favor of all those who visit New York to come and give me a call to see with their own eyes that Liberty is as represented. My foreman and myself will gladly give all desired information to visitors. E. G. ASMUS.

West Hoboken, N. J.

ROSES FOR CUT FLOWERS.

BY FRANK J. FILLMORE.

[Read before the St. Louis Florists' Club, Oct. 11]

Mr. President and fellow members: As I have been requested to prepare an essay upon the growing of roses for cut flowers, and the best varieties, I have done so to the best of my ability and experience, and though I have succeeded fairly well in growing the "Queen of Flowers" I know there is plenty of room for me to improve. But I will get to my subject.

The Cuttings.

I will start with the cutting as this is the foundation of rose growing. I use nothing but the very best of wood for this purpose as like begets like and therefore the best is none too good. I usually make the cuttings with one eye although when I have plenty of wood I make them larger, leaving from two to four leaves attached.

The propagating bed having been previously prepared by having a good coat of hot whitewash and about 3 inches of sharp, clean sand placed upon it and firmly pressed and thoroughly watered, the cuttings are inserted to the depth of about an inch and about 1 inch apart and 2½ inches between the rows, the sand being firmly pressed beside the cuttings as each row is finished. They are then thoroughly watered. I usually sprinkle them each morning, and in case of hard firing and continued bright weather they need watering almost every day. They are shaded from bright sunshine with newspapers until they begin to root. I then shade only for a couple of hours when the sun is bright. The temperature of the bed should be about 60 degrees and the top heat about 10 degrees less, with a range of 5 degrees. I usually ventilate a little each day in favorable weather. As to time for propagating, if you want good, strong plants New Years is late enough.

Potting.

In about four weeks or a little less they will be ready for potting. It is much better to handle them when the roots are one inch long than when they are two inches or more. Even if only half an inch long they are all right as they can be potted more quickly and there is less liability of breaking the tender roots. I consider this potting one of the most important parts of rose growing. If it is not carefully done the loss will be quite serious. A careless man should never be intrusted with it. I have always done this work myself and as a rule the average loss of cuttings is only about 5 per cent. They are potted in 2-inch pots, firmly but gently, in soil composed of three-fourths rotten sod and one-fourth well rotted manure, with a little sand added. Run through a sieve with a half-inch mesh; this facilitates potting and is better for the young roots than if too rough.

The little plahts are then set away in about the same temperature as before and treated the same as regards watering and shading. In about ten days the shading can be discontinued and plenty of air given. In about six weeks after potting all the strongest plants are selected and repotted into 3-inch pots, using about the same soil as before, running it this time through a coarse screen. And if planting has to be done as late as the 20th of June and later the strongest will need a shift into 4-inch pots. They are never shaded from the time they are established in 2-inch pots. They are given plenty of water and are well syringed

almost every day and kept in about the same temperature as ever afterwards.

Planting.

When ready for planting the old plants are thrown out, soil taken out and every part of the benches thoroughly cleaned of the old soil. The boards are turned over and swept off after which a good coat of hot whitewash is applied. And while we are preparing the soil, etc., the benches get a good sun bath. The soil should consist of a good sod (hauled the summer or fall before using if possible though I have used it fresh from the field) and it should be cut to a depth of about three inches, well chopped up with the spade, and one-fifth to one-fourth of thoroughly well rotted manure added. The manure is not essential though. As I was short of this material this season I was able to mix but little with the soil, but will make up for it later on by extra feeding. Keep a sharp look out for grub worms when preparing the soil as they are very destructive to the young plants.

I space the bench boards from ½ to 1 inch apart and over the spaces lay strips of sod cut as thin as possible and still hold together, grass-side downwards. The soil is then wheeled in right on to the benches and spread to a depth of about 4 inches.

We are now ready for planting, which I always do myself. The plants are set 12 to 14 inches apart each way, firming the soil well and leaving a little hollow around each plant for watering. The rest of the soil is left rough, no levelling being done at this stage. Do not attempt to plant when the plants are dry. Water them thoroughly first, and should there be an occasional dry one dip it into a bucket of water. I water the plants as I proceed with planting and afterward water them until thoroughly wet through, but no water is given the surrounding soil at this stage except what it may get from syringing, which is done at least twice a day in hot weather, and when extremely hot I dampen down the walks and plants in the middle of the day, giving extra water to plants when needed. I think it is safest to have them a little on the damp side (though not soaking wet) in hot weather and a little on the dry side during the winter months.

House Culture.

As soon as weeds are large enough to pull weeding is proceeded with, but if I can spare the time, as soon as weeds appear, I go over the soil with a hoe, just on the surface. This destroys a good many weeds and makes them easier to pull. We now make the soil thoroughly level and afterward apply not more than half an inch of thoroughly well rotted manure to the surface. This retains moisture and keeps the hot sun from being so severe on the roots. From now on every part of the soil is kept moist. The ventilators are kept open day and night during the hot weather except in case of storms.

Towards fall as the weather gets cooler, the ventilators are lowered accordingly, but are very seldom entirely closed until cool enough to have steady firing. As soon as the temperature falls below 55 degrees inside for more than two nights in succession a little heat is applied, which is very easily done with me as I have the single pipe system, of which you know I am a great advocate, simply because I have it to perfection and with low pressure it is the best. I leave a crack of air on until steady firing is started. As soon as we start the heat we apply sulphur to one pipe to prevent or check mildew as it will appear sometimes at this season in spite of all precautions. The sulphuring is kept up throughout the entire season and if ventilating is properly attended to there is little excuse for mildew.

Ventilating.

I attend to the ventilating myself. As soon as the thermometer indicates 65 to 67 degrees the ventilators are raised about an inch and so on during the day as the outside temperature advances, and the reverse process is gone through as it decreases. In the winter months ventilating needs hourly attention and sometimes even more frequently. It is a very tiresome job, it is true, but in my estimation one of, if not the most important, part of successful rose growing.

Temperatures.

There are very few days that I do not ventilate, and more especially so in cloudy weather, even if I have to turn on a little steam to keep the desired temperature, which is from 65 to 67 degrees with steam heat and from 58 to 60 degrees at night. It is pretty hard to keep just the right notch in a house of different varieties as I am compelled to do in my limited space given to the rose, namely, about 5,000 feet, so we have to divide with the different varieties. I think from 60 to 62 degrees would be right for Perles, 58 degrees for Brides and Maids, and 55 degrees for Woottons were they grown in separate houses. If the temperature falls below the above figures it will do no harm, providing it is gradual.

Syringing and Fumigating.

Syringing is done almost every day with good force under the foliage to keep down the red spider, omitting it on very damp, cloudy days, and even then the walks and under the benches are dampened down at the warm ends of the houses.

Fumigating is strictly attended to and is done every four or five evenings. Right here I beg to disagree with some of our most eminent growers as to any bad effect on blooms from fumigating, providing it is done judiciously. I have tried evaporating but it was not satisfactory, simply because I did not have the necessary apparatus for it.

Staking and Tying.

Staking and tying is one of the most necessary parts I think and it should be done in good season. We generally start about tho last week of August as on account of our retail business I cannot plant until the middle of June and up to the middle of July, though the sooner this is done the better and easier.

Disbudding is religiously attended to. I think it better where shoots are strong enough to cut the shoot back an eye or two, but when not so I merely pinch off the bud when well developed. If you want good stock you must look after this part carefully. We usually have our first crop about the middle of October.

Feeding.

About this time or a little sooner we apply another mulch of rotted manure about ¾ inch in depth, after having thoroughly cleaned off all decayed leaves and weeds. This will now serve as a gentle stimulant and is all that is needed at present. Liquid manure is applied later on as plants need it, which as a rule is when they need watering during the winter months as the almost daily syringing keeps the soil moist enough, except in some particular spots, mostly near the heating pipes. I have no rule as to manure watering nor any particular brand as I use horse, cow and sheep manure, either separate or combined, when I think it will do the plants good. I have never used chemicals, so know nothing about them. Have used bone meal, but not lately. I think it may be all right if pure, but the last I used I was far from satisfied with the results. The mulch I use is altogether rotted horse manure; it is always available, as we use a number of hotbeds. I have heard growers say that it is injurious, but I happen to know better, as experience has taught me so. No other mulch is applied until after New Years, as I think the more sun that shines on the roots that are near the surface at this season the better.

After this time we apply another mulch a little heavier than before, but never more than one inch. As the days get longer more water is needed and liquid manure is applied oftener, say, from ten to twelve days between applications, and increased slowly in strength, but never made very strong as it is better to do it a little oftener rather than make it very strong at one time.

All the season through tying, disbudding and cleaning should be strictly attended to, especially the latter,



View in the show house of the Geo. Wittbold Co., Chicago.

for the oftener it is done the better, easier and quicker to accomplish. Our roses hardly ever go more than two or three weeks without being cleaned. All short and weak stems are cut back, and after the turn of the year in tying a little of the useless wood is trimmed out. If this is done judiciously I think it quite a help.

When the plants are good and strong the surface of the soil is simply rubbed over with the hands in cleaning to avoid injuring the young roots so near to it.

I forgot to mention that when applying liquid manure it is done with the Kinney pump which I think is one of the greatest boons to the small florist, or even on a good sized place. All you have to do is to find out how to use it, which took me a little time. We have a barrel, or as many as are needed for the house, placed near a hydrant under the bench, and always use good sound hose for this purpose, as if it is not pretty air tight the pump will not work. Use double the quantity of manure that you would if applying with a watering can. Put into a sound but thin sack and place in the barrel. Fill up with water and let it soak for several days. Be sure to keep out of the water anything that will be liable to stop up the pump as the opening is very small. I would not be without this appliance for ten times its cost.

Conclusion.

I generally cut the flowers about three times a day in warm weather though there may be a few stray blooms in between times that will need cutting. I cut them when the buds are pretty well developed as most of our blooms are not shipped very far and a good many are sold at retail. After being cut they are placed in cool water in the cellar and in an ice box in very warm weather.

The varieties I grow are what are known as "The Big 4," first, The Bride; second, Bridesmaid; third, Perle; fourth, Wootton.

Brides and Maids we all know are indispensable in our business in more ways than one. For instance, when you need a Bride you have to hunt up a Maid before you can get one, unless you prefer a widow. These two roses are the most lasting. As we all know, Perle is not so lasting, but is a beautiful rose. Wootton of course fades quicker than any of them, but we find it very popular with the young people on account of its color, and you all know what it denotes. If this rose is cut pretty close, like we used to cut old Papa Gontier, it will keep pretty well. It is like the writer, fond of good living, judiciously applied.

I am trying about 90 plants of Golden Gate this year, 50 of Liberty, and this is my second year of growing just 24 plants of American Beauty. We have not room enough to grow this in quantity and very little demand for it among our customers.

POT FERNS.

Next to the Boston fern we find Pteris Smithiana and P. tremula rapid sellers, some good plants in 6-inch pots bringing $1.00 each. Choicer varieties, but of slower growth, are Asplenium nidus avis (the birdsnest fern), Polystichum angulare prolifera (a grand house fern), Cyrtomium falcatum (the holly fern), dwarf tree ferns, lomarias and Blechnum brasiliense, Platycerium alcicorne (Elkshorn fern); also pteris in smaller sized specimens, as magnifica, volluta, argyraea, serrulata and longifolia Mariesii for baskets.

Platyceriums are expensive and should be grown in fern root and leaf mould in well drained pots with liberal watering. They thrive much better this way than when hanging. When pot culture is not followed a much quicker growth is obtained by planting out, first spreading a good layer of moss on the benches and upon this placing three inches of good, porous loam, well enriched with rotted manure. Lath shading is best where practicable, and overcrowding should be avoided.

One-third well rotted manure can be added when the plants are lifted and repotted. Pans or azalea pots are most preferable, always using plenty of drainage and giving liberal watering.

JOSEPH REEVE.

CARNATIONS REGISTERED.

"Prosperity," by Dailledouze Bros., Flatbush, N. Y. Color, white ground overlaid with pink in mottles, deepening toward the center. Habit and health the nearest to the ideal yet produced. Flowers four inches in diameter, freely produced on long stiff wiry stems and with a calyx that does

not split (known under the number 666).

"Mrs. Philip Heilig," by Mr. Philip Heilig, Franklin, Pa. Color, cream white ground with pink markings on the edge of the petals, in size three and one-quarter inches, with a good strong calyx and a stiff upright stem. Strong healthy growth with dwarf habit and can be grown without supports.

"General Charles Miller," by Philip Heilig, Franklin, Pa. Color pure white, flowers very large, being three and one-half inches in diameter Oct. 13th, stem 18 to 24 inches long. Flower very full of petals with heavy high built center and lower petals standing straight out. Habit strong and sturdy and free from disease.

For the American Carnation Society, Albert M. Herr, Lancaster, Pa., Sec'y.

THE GALVESTON FLORISTS.

The President and Secretary of the Society of American Florists, having decided that they cannot take any action in regard to receiving and forwarding funds for those in the trade who lost all at Galveston, we suggest that all those desiring to assist do so by sending their contributions to the treasurer of the Chicago committee, Mr. Edgar Sanders, 1639 Belmont ave., Chicago. Or, they may be sent to The Review, if preferred, and we will turn them over to Mr. Sanders. We are sure that the Chicago organization will not stand upon technicalities, and while all would undoubtedly prefer working through the existing national body one can be created for the occasion in this way.

It is true that a large sum of money has been forwarded to Galveston for general relief, but it has been sufficient to merely prevent physical suffering. The people have something to eat and to wear, but the florists, at least, have nothing with which to resume business. Their greenhouses and contents have been absolutely destroyed. What plants were not carried away by the flood have been killed by the salt water. This was the result of a convulsion of nature that no human agency could foresee or prevent.

These florists are surely entitled to the sympathy and assistance of every brother craftsman. While their losses cannot be entirely made good, we can make it possible for them to take a fresh start, though perhaps in a more modest way than before. They need new greenhouses, plants, bulbs, etc., with which to make this start. Those who feel they cannot afford to contribute money toward the building of the houses can surely spare some plants to help stock them. All who are willing to contribute plants are repuested to report the kind and quantity to Mr. Sanders or to us. The Review will publish a complete list of the contributions, both cash and stock.

We suggest acting through the Chicago committee because this body is already at work and it is desirable to have one central body in order to secure uniformity of action and not work at cross purposes.

THE GALVESTON FUND.

Treasurer Sanders, of the Chicago Florists' Fund for the Relief of the Galveston Florists, has forwarded a check for $281.00, which amount was contributed as follows:

Walter Retzer & Co.	$ 25.00
Employes of above firm	20 00
American Florist Co.	25.00
Geo. Wittbold Co.	10.00
E. Wienhoeber	10.00
C. A. Samuelson	10.00
Benthey & Co.	10 00
Wietor Bros.	10.00
Bassett & Washburn	10.00
E. H. Hunt	10.00
McKellar & Winterson	10.00
Peter Reinberg	10 00
J. C. Vaughan	10.00
F. Stielow	10.00
Hartshorne Collection Box	8.00
E. C. Amling	5.00
Edgar Sanders	5.00
J. A. Budlong	5 00
Welland & Risch	5.00
A. L. Randall	5.00
Poehlmann Bros.	5.00
Geo. Reinberg	5 00
J. B. Deamud	5.00
Eli Hobbs	5.00
W. J. Smyth	5 00
S. Muir	5 00
A. McAdams	5 00
John Blanck	3.00
Geo. Woodward	2 00
H. Hilmers	2.00
Alex Reid	2 00
Robert Mueller	2 00
John Rearden	2 00
W. H. Kidwell	2.00
A. J. Schmidt	2.00
Walter Kreitling	1.00
Leopold Koropp	1 00
Cash	1.00
H. N. Bruns	1 00
Cash	1 00
N. Paulus	1.00
L. C. Silliman	1.00
E. E. Von Rosen	1 00
L. H. Winterson	1.00
J. A. Sikuta	1.00
Gus Vournakis	1.00
Total	281.00

Further contributions to the fund may be addressed to Edgar Sanders, Treas., 1639 Belmont ave., Chicago.

A LIBERAL DONATION.

From an item in the daily press we learn that the Good & Reese Co., Springfield, O., on Oct. 11 shipped to the Galveston florists cash and plants amounting in the aggregate to $600. The shipment consisted of 10,000 rose plants and a like number of miscellaneous plants, the same being a donation given without solicitation. In addition to this the firm sent $50 in money.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

GOOD TOOLS are always a good investment. Among the very best and most valuable is a copy of the Florists' Manual, by Wm. Scott.

AWAY FROM HOME.

Mr. Editor: I am unable to give you any Buffalo notes as I have not seen the Pan-American city for nearly two weeks, but as I have not seen it mentioned in the eastern press except in connection with a prize fighter, I think it is still intact and moving along slowly but surely.

At home we tell visitors that Buffalo has more asphalt pavement than any other city in the world—about 300 miles—and then I had to listen to a mild mannered Philadelphian who coolly said: "That's a good deal for you, but we have 700 miles. Larger city, you know."

Men who travel, the big guns of the trade, will not be interested in my observations, but there are many who don't travel and they may perhaps be slightly interested in a few things that interested me.

Washington.

Washington is a beautiful city, and if it had not been 90 degrees in the shade on Saturday, the 6th, it would have been still more beautiful. What an interesting place is the botanical garden! There is much to be learned there, especially about our trees and shrubs. And how many species thrive in this favored climate that are useless in western New York. One illustration of this, and a marked one, is the Magnolia grandiflora which makes a fine tree here, and even in the south of England this beautiful evergreen needs the protection of a wall or fence. The salisburia is being planted largely in Washington, and why should it not be planted everywhere? It is one of the handsomest of all trees, thrives in our cities as scarcely any other tree does and is as hardy as an oak in our northern lands. But I must not go into trees and shrubs or you will want a supplement.

I had the best of guides, Mr. Oliver, and to this well informed gentleman I owe much for the interesting time I spent in Washington.

Gude Bros. have some fine houses, a very large range of recent erection, well filled with all the leading roses. The American Beauties were especially fine. Golden Gate is a great favorite around Washington. This young firm has made prodigious strides since they started and the end is not yet.

A drive over a fine boulevard brought us to the American Rose Co. This place once appeared to be of enormous size and it is large yet, but when you have seen those 20 acres of glass in the neighborhood of Chicago lesser places do not take your breath away. I here saw some houses of excellent mums, well grown in every way. Of the kinds they highly prize I noted Willowbrook, a very fine early white, and H. A. Parr, a fine early yellow. They have carnation houses with a long, sloping roof, 66x216, built on a side hill. Compared with some carnations we would call them decidedly off, but doubtless Washington



Display of fancy Caladiums and other plants by E. L. Charles, Columbus, O., at the Ohio State Fair.

gentlemen know their business and say that they do not need carnations till the end of December. House after house is filled with three varieties of roses, and they are not the kinds you would find in many cities. They are Golden Gate, and a white sport of it they have named Ivory, and Mme. Chatenay, the pink rose, which is certainly not as good as Bridesmaid. All of these roses bear most freely, but many people want a better quality.

Anyone visiting Washington should see Mr. Geo. Field's orchids. His place is near the fine home of ex-President Gude, where we roosted most comfortably for the night. We found Mr. G. F. packing hundreds of sprays of Cattleya labiata. It was the Sabbath morning, but the orchids bloomed and were being packed most skillfully for the New York market, and we gained a wrinkle on how to ship orchids.

Wide, rather flat, houses that once grew roses are now filled with cattleyas of all the useful species, cypripediums, and all as vigorous as pie plants in May. A long narrow house filled with Dendrobium formosum album is superlatively good. I have never before seen this orchid managed so well. You could see growths and buds and money sticking all over it. Mr. Field knows how to grow orchids and his collection is well worth seeing.

If you visit Washington during the pleasant months don't fail to visit by trolley car a place called "John's Cabin," a beautiful resort ten miles up the Potomac, a delightful spot where river and woodland delights the eye and higher senses and where there is no need of neglecting the inner man, all of which was enjoyed to our heart's content. We would never have seen this, nor many other beautiful parts of Washington, but for the kind guidance of Mr. Oliver.

And then we travelled to the busy city of many hills where we saw several interesting things horticulturally, but of Baltimore, next week if you please.

A long attenuated young man was being shown over the botanic gardens by one of the fellows that hang around the gate and call themselves guides. He marched his victim up to a large tub of rhapis as if it was a mummy and I overheard this remarkable information: "This plant, sir, in its native country grows 300 feet high." "Indeed! Extraordinary!"

W. S.

CHICAGO.

The Market.

Business is good and conditions are satisfactory for the season in spite of election disturbance. There is a big supply, but it contains much of poor quality. Several shippers note more complaints than usual as to carnations being asleep on arrival and it would seem that with many growers the carnation suffered in vitality during the recent heated term. We still lack a killing frost, now at least two weeks overdue in this section, but weather is cooler and a little more seasonable than last week. Prices are a little firmer all along the line and good tea roses are quoted at $5.00, seconds going at $2 and $3. The proportion of shipping quality is, however, rather low in many cases, and one dealer tells of getting only 85 shipping flowers out of a thousand. White roses are a little scarce.

The funeral of Vice-President Fargo, of the American Express Co., on Tuesday caused a very large local demand for funeral flowers. Many elaborate arrangements were sent and the display was unusually fine.

Chrysanthemums are coming in more freely and next week a fairly general supply in variety is expected, though we hear reports from some growers that their mums are from a week to ten days later than last year.

Beauties hold up well in price and demand continues brisk. The best bring $3 a dozen readily.

Kennicott Bros. Co. received this week some Soliel de October chrysanthemums, yellow, that were fine enough to command $5.00 a dozen.

Various Items.

At the meeting of the Florists' Club to be held tomorrow (Friday) evening at 40 Randolph st., a paper on violets will be read by Mr. Ernest Weber and the annual election of officers will take place.

An important trade event next Wednesday and Thursday, October 24 and 25, will be an auction sale of palms and other decorative plants at McKellar & Winterson's at which over $5,000.00 worth of plants will be sold for the Harms Park Floral Co.

E. H. Hunt is showing a fine line of silk cords for tying fancy boxes of cut flowers.

Adolph H. Poehlmann will open a city salesroom at 55 Wabash Av., Nov. 10.

The wife of Geo. W. Scott, the West Madison st. Florist and undertaker, died last Monday.

Henry Smith, of Grand Rapids, Mich., was a visitor Monday, and Mr. Thompson, the South Haven seedsman, passed through the city on his way to Florida.

A big fire across the street from the seed warehouse of the Albert Dickinson Co. last Tuesday night at one time threatened to destroy it, but good work on the part of the firemen prevented serious damage.

The daily papers report that Wm. Stoeffers, an employe of a south side florist is missing and that a reward has been offered for information about him. Foul play is suspected as he was supposed to have recently received a legacy from Germany.

C. L. Washburn has returned from a short trip to nearby western cities.

A new implement seen at McKellar & Winterson's is the "Lightning Compressed Air Sprayer," for the spraying of insecticides, etc. It is a two-gallon can fitted on one side with an air pump much like that used for inflating bicycle tires. After this is operated to the limit the can can be strapped on one's back and the contents sprayed to suit through a long

rubber tube and nozzle. It should save a great deal of back breaking labor in syringing.

A report of the progress of the Galveston Relief Fund will be found elsewhere in this issue.

Mr. E. A. Barnard, an uncle of W. W. Barnard, the seedsman, has given to the city a tract of land 300x283 feet in 105th street to be used as a small park site and children's play ground. It is to be known as the "Amy Barnard Park." Mr. Barnard has been a resident of Chicago since 1844.

NEW YORK.

Popularizing the Carnation.

Through the efforts of Mr. C. W. Ward, of the Cottage Gardens, Queens, L. I., every man in the great parade of the Republican party in this city, Nov. 3rd, will wear a pink carnation. Mr. Ward has been doing some great work in this matter, the wholesale florists have promised him 20,000, and local growers an additional 20,000 blooms, and the affair promises to be the greatest boost carnations ever got. There is no party politics about the matter so far as the florists are concerned, it's a case of hoisting carnations still higher in popularity, and everything possible should be done to make it a success. The use of flowers at all public events does immense good in many ways, and Mr. Ward and all those interested with him are to be congratulated for what they intend to do for floriculture at this great demonstration.

A Big Ice Box.

Thomas Young, Jr., has just had completed what is beyond doubt the finest ice box or cool room in connection with the florist business of this city. It is 30x18 ft., beautifully fitted up with many novel arrangements for displaying every class of flowers to best advantage. Mr. Young is receiving very fine violets, and his daily shipments of roses, etc., to out of town florists indicates that some people keep posted.

The Market.

Local trade has been taking jumps backwards and forwards. Good stock sells fairly well. Mr. Editor, you had a cruel note in The Review saying that orchids blooms were to be imported from Europe for the New York trade. I think the reverse of that would be more like the truth. Cattleyas are over plentiful. Good carnations are scarce. Chrysanthemums are beginning to swarm. American Beauties promise to be "The" rose more than ever the coming season; they are coming in fairly good. Liberties are fighting with Meteors at present with regards to quality. Most of the average run of roses show the great prevalency of mildew. Violets are good, but move slowly. Valley is good and not over plentiful. Dahlias are about the only outdoor flowers of any account just at present.

The general feeling in all branches of the trade is one of confidence that the season will be very good. Bulbs, seeds and general supplies have been and are on the move. The plant trade is also good, it only remains for the cut flower end to wake up, which it is sure to do when the election noise is over. J. I. D.

PHILADELPHIA.

Trade Conditions.

The second week in October brought business—real, active business—with it. There were some weddings, some teas for the debutantes who live out of town and the general demand was much brisker. The supply of good blooms did not increase; it couldn't; the proverbial dark days of December are not in it with the dark days of the past fortnight. Result: Prices advanced a little about the middle of the week.

Beauties and orchids were very popular for the debutantes' teas. The former brought $2 a dozen for choice stock. I know that when this statement appears in print I shall receive at least two letters of protest. The first, from a grower, stating that his prices vary somewhat from mine; for instance, he is getting $2.50 for his Beauties. The second from a retailer stating that he can buy all the Beauties he requires at $1 a dozen. Both writers are undoubtedly accurate in their statements, but the first omitted to say that he only got his price for the cream of his stock and the second that he was not very particular about the quality of the flowers he bought and sometimes took chances on getting any at all. I repeat choice Beauties brought $2 a dozen. A very nice grade brought $1.50 a dozen and short stems, 75 cents to $1.

It is difficult to quote orchids intelligently in this market; there are practically no wholesale orchid growers; most of the flowers come from out of town, some from large private conservatories, yet they cut a considerable figure in the week's business. One fair debutante wore a large bouquet of these blossoms arranged over her arm, producing the effect of a string of bouquets and avoiding the weight of such a string. She also wore orchids in her hair. The effect was novel and striking.

Kaiserins and La France from summer(?) houses sold readily at $3 to $5. Brides and Maids remained at $3. The general stock of these varieties did not warrant an advance. Carnations are improving and moved higher. Good blooms brought $1.00 a 100. A few choice fancies $1.50. Violets do not count for much yet. Dahlias are still in the market. Chrysanthemums are coming in slowly.

The stores are buying plants now and ordering more to be set aside and sent in to them in from four to six weeks. Indications point to an active season. PHIL.

ST. LOUIS.

Club Meeting.

The October meeting of the St. Louis Florists' Club was attended by eighteen members.

President Guy called the meeting to order at 3:30 p. m. The exhibition committee reported that the show would be held in the front vestibule of the music hall, Exposition building, including the two side naves. This will give them as much room as they had last year in the coliseum and the cost will be less. The committee is hard at work and holds weekly meetings. Everything points to a successful show.

Three applications for membership were read as follows: Theo. Miller, a retailer; Phil Goebel, head gardener at Tower Grove Park, and Chris. S. Eichhorn, of the South Side Carnation House.

The secretary read letters from Otto Fehrlin and J. D. Pruessner, Galveston florists, which were acted upon and Henry Berning and C. A. Kuehn were appointed a committee to receive subscriptions and the amount collected to be sent to them at once, to be distributed equally among the florists.

Mr. C. L. Washburn, of Bassett & Washburn, Chicago, who was a visitor, spoke in behalf of the Galveston florists.

The essay of Emil Schray on "Profitable Winter Blooming Plants," was read, followed by Frank Fillmore with an essay on "The Best Method of Growing Roses and the Best Varieties for Present Demands." These essays were well received and Mr. Fillmore's appears in this issue of The Review.

Those who attended the meeting from out of town were: C. L. Washburn, Chicago; J. F. Ammann, Edwardsville, Ill.; Chas. Connon, Webster Grove, Mo.; A. S. Halstedt, Henry Emmons and E. W. Guy, Belleville, Ill.

The next meeting of the club will be held Thursday, Nov. 8, at 3 o'clock. Essays for the meeting will be by Herman G. Ude on "Successful Violet Culture," and C. C. Sanders on "Hardy Flowers for the Florist's Use," which will, no doubt, be very interesting.

The Market.

Trade the past week has been only fair and shows no improvement over the previous week. Stock of all kinds is of better quality and there seems to be plenty of it. Chrysanthemums are still absent, but the wholesalers claim that by the end of the present week we will have them from the south. The rose market was good last week, especially American Beauties.

which were quite plentiful and good. Bridesmaids are still a glut. Brides, Perles, Woottons and Golden Gates sold well at last week's prices.

Carnations are a little scarce and are sold out clean every day. All varieties sell well and prices have advanced some; choice stock bringing $2, but the bulk go at $1 per 100. Valley, violets and tuberose stalks are selling well and are not overplentiful.

Notes.

Ed Buechel came to the club meeting in company with Mr. Washburn. This is Eddie's first appearance at the meetings for about two years.

Mrs. Wm. Ellison, of Ellison & Tesson, is spending a week in Chicago buying stock for the coming season.

John W. Kunz left Saturday night for Chicago to enter the employment of C. A. Samuelson. John, who is everybody's friend, has the good will of all the craft, who wish him luck in his new undertaking. It's another case of St. Louis' loss and Chicago's gain. Good luck to you, John; we will miss you. J. J. B.

BALTIMORE.

Trade and Personal Items.

Without great actual precipitation we have had here for more than two weeks an unusual amount of cloudy weather for the season, with a resultant growth of marked softness in all house plants, notwithstanding every precaution in giving air. The conditions have been favorable to the development of mildew and many of the roses coming in show the marks of its disfiguring fingers.

Good flowers are not largely in evidence. Indeed, for one or two days last week the market was practically bare of indoor roses and carnations as well. We heard the exchange people on Tuesday decline orders for the following day, not knowing of any source from which they could expect certain shipments. But outdoor roses reached the acme of good quality, and no more magnificent Cochets (white and pink), Kaiserins, and La France probably were ever seen in this center in so great profusion. Of the first named Messrs. Bauer, Moss and Rider had great quantities, and all went off well.

Mums promise to be late here, as elsewhere, though some are in, notably Lady Fitzwygram and Glory of Pacific. The impression seems to prevail that not so many as usual have been planted this year, but doubtless there will be enough for all requirements.

Trade begins to stir, though election excitement probably prevents, in some degree, its normal development.

Your well-known contributor, William Scott, of Buffalo, showed his handsome lineaments in this city last Monday, but his coming was wholly a surprise, and the catching up with him was a good deal of a pussy-wants-a-corner game, for he was hither and thither and hardly in one place before he was off for another. This correspondent was honored by a call, but was away from home and nearly two days elapsed before he overtook the industrious but elusive visitor, whose pathway, however, was so strewn with unmistakable evidences of his passage in the shape of Pan-American maps, dodgers, medals and buttons, that for a day or two it seemed that some new and popular rival of McKinley and Bryan had at this late day entered the presidential campaign. W. S. visited a number of our growers, and promises to return in February.

Last week there were dahlia shows by the Gardeners' Club and The Griffith-Turner Co., the display at the former being largely from Richard Vincent & Sons. Henry A. Dreer, of Philadelphia, sent a fine assortment of water lilies, and John Cook showed good specimens of his roses, Baltimore and Mrs. Robert Garrett, the former noticeably fine in flower, foliage and stem. In this region the dahlia seems to have regained some of its former popular favor, and great quantities are produced. Alexander McCormick is cutting from 5,000 plants this year of a white "Camellia flowered," which sells readily for funeral purposes. The showy "cactus" flowered sorts seem to please the public by their gorgeousness and striking forms.

Hugo Walther is putting in one of the new style of Furman steam boilers, the first introduced here. Isaac H. Moss is undetermined what style of boiler to use in his new structures, which are now all planted with carnations and smilax, hesitating over the comparative advantages of steam and hot water. Andrew Andersen's new rose houses are handsome and neat in construction and modern in plan, and from the appearance of the American Beauties cannot fail to be a profitable venture from the start. He has just put in an old style Furman hot water boiler. Mr. Wm. Madsen, his former partner and next door neighbor, has Beauties and Maids in splendid condition and is cutting a fair crop. These two growers are on the top-round of the Beauty growers' ladder of distinction and success.

Erdman Brothers, who are among the very first of our carnation growers, have everything planted and in the best of shape. They stick mainly to the old favorites, and make all grow to the best form.

Our daily papers here continue to prod the Park Board for its closed-door sittings. The Mayor, who appointed them, declared that none of the city's commissions dealing with matters of public concern should hold secret sessions, but this one practically continues to do so, the objections of Mayor and press notwithstanding. Further fault is found with the relegation to the chairman, Mr. Thos. R. Clendennin, of the disposition of questions which come before the board. Various matters submitted at the meeting last week were not passed upon, but referred to him with power to act. Mr. Clendennin is a shrewd lawyer, a good deal of a horseman, but so far as known without the tastes and experience which would seem peculiarly to qualify him to assume direction of the details which pertain to the management of the parks and public squares. Hence these tears.

Today (Oct. 15) we have summer temperature again, the mercury going up to 75 degrees. RIX.

BOSTON.

The Market.

'Twas a dreary, dreary week, but we got a glimpse of a better land on the very last day of it. Naturally there was a feeling of expectation all the week that the wet weather would offset the effects of the previous hot spell and produce a scarcity. But this condition was very slow in getting around and it is not fully developed yet, although outdoor goods are practically knocked out and the supply of good carnations has decreased. I see no decided falling off in any part of the rose crop. They were coming so fast it takes some little time to overcome the momentum. Single violets have become more plentiful, but double ones are yet very scarce.

Prices have not changed materially. Best American Beauty roses are now a strong two foot long, and sell at $3 per dozen. Shorter ones will bring about one cent each for each inch in length of stem if that stem has a first-class blossom on it. If it bears an inferior bud or an open flower the chances are that it will not readily sell at any price. Buyers examine the bloom very critically nowadays, too. Other red roses are now selling all the way from one to six cents, the largest ones being over a foot long. The Liberty cuts no great figure yet. There are quite a few good yellow roses, but no steady demand for them, at from one to six cents, while good pink and white are plentiful and ranging up to eight cents. Pinks of very best sizes have been worth two cents for a few days, and are whispering more. Price on violets varies from morning to morning all the way from 25 to 75 cents per 100. Asters are very few and sell at from 50 cents to $1 per 100. Candy tuft holds out the best of the outdoor crops and largely fills the list for small white, selling very reasonable. Bunches vary in size, so that prices cannot be quoted. Green material is running smoothly, but there seems to be too much smilax.

No one knows what a day may bring forth just now.

Notes.

The E. M. Wood Co. has a selling force in the city consisting of two teams and six men, two being drivers only.

There is considerable discussion of the fact that the Co-operative Market must soon engage larger quarters. They are now in need of a couple of dozen more stands than their Park street location can allow and these stands are too small for many users. But proper accommodations at right rental are not easily found. I saw half a dozen stockholders on their way to the annual meeting and banquet last Saturday evening. This is probably the only affair that can call together so many of the gravers together, togged out in purple and fine linen and all with their boots blacked. It is quite a society function. The Review was honored by the extension of a very cordial invitation by the officials for its correspondent to be present, which he was obliged to decline.

The "directorial" slate was changed a bit, so that it now reads: W. C. Stickel, president; Wm. Nicholson, vice-president; George Cartwright, treasurer; John Walsh, E. Sutermeister, Lester Mann, Peter Fisher, W. Edgar and E. N. Peirce filling out the remaining positions, the only change being that of Mr. Nicholson as vice-president in place of Mr. Peirce.

B. T.

SAN FRANCISCO.

The Market.

Business this week has been fair. A few weddings have taken place that helped to make business lively for some of our florists. Of late marriage seems to be a fad among the "buds and belles" and quite a number of them are getting married —part for the fun of it; the more the merrier.

The general crop of chrysanthemums are in the market and move so slowly that prices are away down to almost nothing.

Prices: American Beauties, 25 cents to $2; Brides, Bridesmaids and Meteors, 25 to 75 cents; Liberty, 50 cents to $1.50; Kaiserins, 50 to 75 cents; Cecil Brunners, 12½ cents per dozen. Carnations—Hobarts, $1; Crocker, 35 to 50 cents; mixed fancy, 20 to 50 cents; Bradt, 25 to 35 cents; Hill, 25 cents; Scott, 15 to 25 cents; Portia, 10 to 12½ cents per dozen. Chrysanthemums — Bonnaffion, 50 cents; Queen, 50 cents to $1; Morel, 25 to 50 cents; fancy, new sorts, $2 per dozen; outside blooms, 5 to 25 cents per dozen. Violets—Princess of Wales, $1.50; Marie Louise, $1.

Meeting of the State Floral Society.

A meeting of the State Floral Society was held on Oct. 12 at 233 Sutter street, Mrs. E. E. Smith presiding. A report of the committee on exhibition and awards showed an encouraging prospect for the coming floral show to be held at the Sherman, Clay & Co. Hall, on Oct. 25, 26 and 27. At the meeting some rare specimens of plants and flowers were exhibited by the members, notable among them being a cactus dahlia of unusual color, the property of J. W. Bagger. The meeting was addressed by J. A. Maguire.

Notes.

Mr. F. Hooper is now in charge of the nurseries of J. H. Sievers.

Fick & Faber, 1401 Woolsey street, have some fine seedling carnations that can be looked for later on.

At the Golden Gate Park conservatories a fine display of chrysanthemums in pots can be seen. The blooms are extra well grown, making a visit to the park worth the time spent.

E. Lacazzette, Fruitvale, has just completed one house 35x100, and will be planted with Flora Hill carnations. Mr. Lacazzette says it is the best white carnation to date.

Mr. G. N. Millar dropped suddenly into town last week from the county hospital, where he has been treated for some months past. Mr. Millar says no more hospital for him. He says he has a few more years yet to live and he doesn't care to take any chances. Shortly before Mr. Millar left the hospital he was walking through the grounds when he heard a noise at one of the windows of the hospital morgue. On looking toward the window he beheld a naked man calling at the top of his voice for his clothing. George gave the alarm and the poor fellow, who had been laid out on the cold slab for two days, was put into a warm bed, where he soon recovered. Mr. Millar lost no time in taking the first car for town. George says he was a good looking corpse.

Mr. E. Gill, Oakland, Cal., has the largest acreage of young rose stock this year that he has ever had in the history of his establishment, 250,000 plants, including 5,000 La France. Quite a little inquiry has been made this year for La France stock, and it looks as if the good old rose might come to the front once more.

J. N.

GALVESTON, TEXAS.

At a meeting of the Galveston florists, Oct. 9, a correction was ordered made in the estimate of Steding Bros., same to read $2,500 instead of $1,500, due to the fact that both brothers were conducting their business under joint account, though located apart. Mrs. Latour's loss was adopted at $500, which kindly include in previously reported list.

Two cases, those of L. Margot, of Hitchcock, and H. A. Condron, of Dickinson, were referred to the proper committees for investigation.

There has not so far been made any distribution of funds that have arrived and will not be until the schedule is adopted finally. The money remains in trust at Sealy, Hutchings & Co., until such time.

THE GALVESTON FLORISTS,
Per F. G. Laeverenz, Sec'y.

KANSAS CITY, MO.

Various Items.

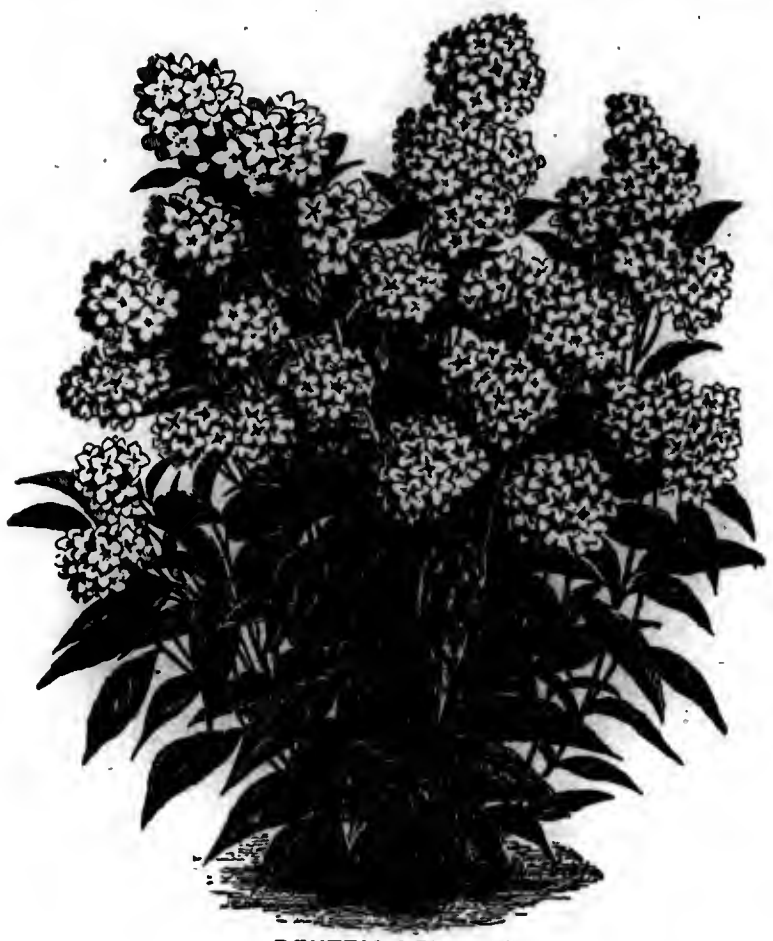
The fall festivities which occurred the first week in October were not as beneficial to the florists as to some other lines of trade. For the past fourteen years the business people of this city have contributed liberally to a fund for the celebration of the fall festivities which occur during carnival week under the auspices of the Priest of Pallas association and the Kansas City Karnival Krew. The principal feature which brings thousands of people to town, is the night parade, through the brilliantly illuminated streets of the Priest of Pallas headed by their patron goddess, Pallas Athena.

The K. K. K. parade in the afternoon consisted of a series of floats representing a trades display. W. L. Rock, the only florist in the parade, exhibited a tastefully arranged float which was awarded a prize of $50.00. The week's amusements wound up with a grand ball at the magnificent Convention Hall, which was beautifully decorated for the occasion.

Business is slowly but surely improving with plenty of stock to meet all demands. Mums have not yet made their appearance. A few violets are seen but they are not worth the picking. The present salubrious weather should be favorable to most all indoor stock and the growers have consumed very little fuel so far this season. No frosts here yet, and outside bedding is as bright with bloom now as two months ago, especially the beds of salvia and Vinca rosea on the Paseo; these flowers luxuriate in this climate at this season of the year. The moon vines on the columns of the Pergola at the north end of the Paseo are at night a mass of bloom, exciting the admiration of all beholders.

Mr. and Mrs. Alfred Broman, of Independence, Mo., spent one day in town carnival week, and were seen exercising "Black Bess" hitched to a swell conveyance. Mr. Broman is now supplying his customers with some choice material, the quality of which indicates that he is rapidly establishing a reputation for himself as a producer in the Kansas City market.

Paul Ducret, of Union Cemetery, has returned from a three months' trip to Switzerland, where he went to



DEUTZIA LEMOINEI.

Shrubs for Forcing

Deutzia Gracilis. A fine lot of three-year-old plants suitable for 7 and 8-in. pots, very bushy, **$1.00** per doz.; **$8.00** per 100.

Deutzia Lemoinei. This has now become one of the standard varieties for forcing. It surpasses D. Gracilis in its very large flowers, being nearly three times the size of the latter variety. These are produced in large cone shaped heads of from 20 to 30 flowers each, and of the purest white in color. We are carrying the largest stock in the country of these and offer extra heavy two-year-old plants, suitable for 7-in. pots, **$1.25** per doz.; **$10.00** per 100. Strong one-year-old plants, suitable for 6-in. pots, 75 cents per doz.; **$6.00** per 100.

Deutzia Gracilis Rosea (New). Identical with Deutzia Gracilis in general habit, but with flowers fully double the size of that graceful variety, to which is added the additional charm of being suffused with a delicate rosy tint just sufficient to relieve the dead white which is objectionable in the type, and which will undoubtedly place it in the front rank of shrubs for winter forcing. A limited stock of one-year-old plants, **$2.00** per doz.; **$15.00** per 100.

HENRY A. DREER,
714 CHESTNUT ST., PHILADELPHIA.

Mention The Review when you write.

visit his parents after an absence of twenty years in America.

Mr. Washburn, of Bassett & Washburn, was here Saturday calling on the trade.

Miss Maria Dally spent last week in Chicago. H. J. M.

KEEPING DAHLIAS DWARF.

There are several methods of keeping dahlias dwarf without checking their growth. We follow several ourselves, one in conjunction with the other. In the first place, we do not make our ground too rich in the beginning. Secondly, as soon as the shoots appear, we pinch them out, which is known as the single pruning system. Of course we remove all but the strongest. Then we stir or cultivate the soil very deeply, in many cases from 4 to 6 inches deep. This is really root pruning, and while it does not check the growth of the plant, it checks the rapid growth.

As soon as the flowers commence blooming we cultivate lightly, only 1 to 1½ inches deep. This gives the full strength of the soil to the plant and the flowers are consequently large and are produced in quantities. When the flowers commence to get smaller we top dress the soil with pure bone meal 4 parts, nitrate of soda 1 part. This top dressing we renew as often as the flowers show that it is needed.

In regard to pruning the plants all we do is to remove all the shoots but the one strongest in the beginning. You then have but one strong, sturdy stem. All the pruning we do after that is to cut the flowers and as we keep cutting out the tops of the plants in cutting the blooms on good stems, the lower shoots develop and bloom. This keeps the plants low and dwarf. This, of course, is in open ground or field culture.

If plants are grown in a garden or where they cannot get plenty of pure air and sunlight, I doubt if this system would be satisfactory. In other words, without plenty of air and sunlight the plants would grow tall and would have to be staked any way.

L. K. PEACOCK.

YOU will surely want a copy of Mr. Scott's great reference book, The Florists' Manual. It is now ready for delivery. Price $5.00.

Mr. F. W. Taylor has been instructed to visit the Paris Exposition and secure for the coming Pan-American Exposition at Buffalo, features that were especially attractive at Paris.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman, by a first-class florist, well up in the florist business; single man. Address E. H., care Florists' Review.

WANTED—A young man with some experience in greenhouse work, state wages with board and room. Address M. I. O'Brien, Sharon, Pa.

FOR SALE—A 10-foot IXL Wind-Mill with 2½-in. brass Gould pump; a 55-foot iron pipe triangle derrick; also three round cedar tanks of 1, 3 and 8 thousand gallons capacity. This outfit is in complete order and can be bought cheap. For particulars, address C. J. Benz, Conshohocken, Pa.

FOR SALE—Some extra good second-hand 3-inch pipe, at 6c. per foot; also some 4-inch; secure it while it lasts. W. H Salter, Rochester, N Y.

WANTED—Every buyer of plants to consult our classified advs. when in need of stock.

FOR RENT—On shares or cash, greenhouse plant in Iowa in full operation. For particulars address Iowa, care Florists' Review.

WANTED—A medium sized hot water boiler, in good condition. Send description and price to L. E. Hitz, Madison, Ind.

WANTED! Two young men for rose and carnation houses.....

F. BURKI, Washington Avenue, Bellevue, Pa.

WANTED.

I WANT A POSITION AS FOREMAN with some first class concern not further east than Chicago. Have held such position in large establishments to satisfaction of my employers and can furnish good references.

J. N. JAKOBSEN,
2001 East Colfax Ave., Denver, Colo.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

GRAND RAPIDS, MICH.

We have been and are still enjoying the finest weather that we ever had at this season of the year.

It is hard weather on violets, but their quality will improve on the advent of cold weather. Carnations are not over plentiful, but sufficient for the demand. Roses are still of medium quality, although there are some good ones from old plants still coming in. Mums are now in flower and until December the "Queen of Autumn" will reign supreme and roses will take a rest. The varieties in bloom are Glory of Pacific, Kalb and Mme. Bergman. The season is a little later by a few days than last year.

The Michigan State Fair, which is held in Grand Rapids, was a financial success this year, the weather being made to order. As predicted, the floral department was not so good as on previous years, the designs and decorative plants were all right, but when it came to coleus, geraniums, fuchsias, petunias and similar exhibits, they were as a rule very poor. It does not pay to be too niggardly with premiums offered. Henry Smith and William Cunningham were the only two exhibitors and of course divided the premiums between them.

The designs were fine. William Cunningham had a monogram on an easel and took first premium; Henry Smith second with a cross on stand with wreath entwined.

A few of the principal awards were: Cunningham received first for fancy basket, collection of carnations, collection of stove and greenhouse plants and twelve palms; Smith received first for bouquet, fifteen palms and collection of ferns.

The amateur display for a starter was very creditable. Some of the plants shown were even better than the same entry in the florists' section, and if any improvement is shown in subsequent shows, the amateurs may show the craft a thing or two unless the premium list gets a shaking up and proper awards offered to make it worth while to grow exhibition plants.

T. R. Renwick & Co., the oldest firm in the city has closed its doors and gone out of business, liabilities and assets not known.

GEO. F. CRABB.

CINCINNATI, O.—Local seedsmen are stirred up over a statement that a Louisville concern has secured the entire crop of orchard grass seed raised in two favored sections. He claims that the entire crop of 4,000 bags has been received by him from the farmers, who are determined to hold their seed until it reaches $1.50. Other seedsmen hold that there is an abundance of good orchard grass seed raised elsewhere and intimate that the Louisville man has no cinch on the market.

ROCHESTER, N. Y.—Messrs. Ellwanger & Barry have received notice of an award of a first prize, a gold medal diploma, for their display of 118 varieties of pears at the Paris Exposition. The exhibit received 20 points, the highest number given for first prize. The fruit was displayed upon a table, especially constructed for it and was the center of attraction in the department.

WEILAND -AND- RISCH

WE SOLICIT A TRIAL ORDER...

GROWERS and SHIPPERS,

59 WABASH AVE. CHICAGO.

ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

American Beauty,	Per dozen.
36-in. stems	$3.00
30 "	2.50
24 "	2 00
20 "	1.50
15 "	1.25
12 "	1.00
short stems	.75
Carnations	per 100, $1 to 1.25
" Fancy.. "	$1 50 to 2.00
Violets	per 100, 75c to 1.00
Valley	per 100, 4.00
Cattleyas	per doz., 6.00

ROSES	Per 100
Liberty	$3 00 to $5.00
Golden Gate	4.00 to 6.00
Brides	3 00 to 5 00
Maids	3.00 to 5 00
Meteors	3.00 to 5.00
Kaiserin	4.00 to 6.00
Perles	3.00 to 4.00
Seconds	2.00
Asparagus	per string, 50
Smilax	per doz., $1.25 to 1 50
Chrysanthemums "	1.50 to 2.50
Adiantum	per 100, .75

Wild Smilax, Parlor brand, per case, $3.25; medium, $4.25; large, $5.50

WE GROW ALL OUR OWN FLOWERS AND GUARANTEE THEIR FRESHNESS.

WHOLESALE FLORISTS

Mention The Review when you write.

SEVERAL very large shipments of **JAPAN LONGIFLORUM** have arrived in very bad condition—more than half the bulbs having been lost by heating. This large loss will make a scarcity in this article and probably many dealers will be unable to fill their orders in full. If you do not succeed in getting your full supplies, we have still to offer a fine lot of

BERMUDA-GROWN LONGIFLORUM

These bulbs are in splendid shape. We can supply them at **$14.00 per case;** 350 bulbs to the case. We also have a fine stock of

LILIUM HARRISII.

7-9 inch size is generally scarce, but we have a very fine stock of this size still on hand—a lot of bulbs that were left in the ground and dug late, and in consequence they are in grand shape. Bulbs are plump, bright and clean, and as fine a lot of Harrisii as anyone would want to handle. We can supply these. as long as unsold, as follows:—
5-7's, 400 bulbs to the case, only $16.00 per case; 7-9's, 200 bulbs to the case, only $18.00 per case.
Order at Once, Before we are Sold Out.

We can also offer a fine stock of

WHITE ROMAN HYACINTHS.

Extra quality bulbs, 12-15 cm., in case lots, 2,100 bulbs to the case, $16.00 per 1000.

PAPER WHITE NARCISSUS GRANDIFLORA.

Case lots, about 1,300 bulbs to the case, $7.50 per 1000.

5 per cent discount from above named prices when cash is remitted with order.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York.

Mention The Review when you write.

CARNATIONS. We have about 500 each of Flora Hill & New York, fine plants at $3.50 per 100; also Scott, John Young, Genesee, Freedom, Melba, Morello and Dazzle at $2.50 per 100.

ROSES. We still have some Maids and Brides in 3-inch pots, at $2.50 per 100 now, to close out.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Bronze Galax Leaves

Every leaf guaranteed perfect,

One-Dollar-Twenty-Five per 1000.

Try a sample **Fifty** for Ten Cents in stamps, delivered **Free.**

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Floral Fancies, Language of Flowers, TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

Mention The Review when you write.

Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight. I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G. BARROW, Red Level, Ala.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

KENNICOTT BROS. CO.

Wholesale Commission Florists

Write for our Prices on Wire Work.
You can't duplicate them anywhere.

42 and 44 E. Randolph St.
CHICAGO.

CHRYSANTHEMUMS,
Per doz., $2.00 to $4.00

VIOLETS, per 100, 60c to $1.00

.....JUST NOW.....

STOCK IS ONLY FAIR, but as good as can be expected at this season. Whatever you want, we have it.

Store open until 6:30 p. m. week days. Until noon Sundays and holidays.

Cut Flower Price List.

	Per 100.
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	2.00 to 4.00
Perles and Meteors	2.00 to 4.00
Roses, our selection	2.00
Carnations	.75 to 1.25
" named varieties	1.50 to 2.00
Violets	.60 to 1.00
Valley	4.00
Adiantum	.50 to .75
Chrysanthemums, per doz.,	2.00 to 4.00
Common Ferns	per 1000, 2.00
Smilax	per doz., $1.25 to 1.50
Asparagus	" 6.00
Leucothoe	per 100, 1.00
Galax, Green	per 1000, 1.00

Mention The Review when you write.



FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, Hinsdale, Mass.

Mention The Review when you write.

Asparagus Plumosus Nanus, Strong plants, from 2½-inch pots, ready for a shift, $5 00 per 100.

BEGONIA REX, fine stock in 3-in. pots ready for a shift, in good assortment, $6.00 per 100.

CHINESE PRIMROSES, Globosa type, best strain grown. White, pink and red, 3-in. pots, extra strong. $5.00 per 100.

BABY PRIMROSE, extra fine, from 2½-in. pots, ready for shift, $4.00 per 100.

SWEET ALYSSUM, giant white, very fine, for immediate planting from 3-in. pots, $3.00 a 100.

VINCA MAJOR VARIEGATA, very strong field-grown clumps with 6 to 10 long growths, $6.00 per 100.

Nathan Smith & Son, Adrian, Mich.

Always mention the Florists' Review when writing advertisers.

HedgePlants

Evergreen { Hemlock Spruce, Norway Spruce, American Arbor Vitae.

Deciduous { California Privet, Osage Orange, Berberis Thunbergii, Altheas, etc.

Various sizes at popular prices.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

Mention The Review when you write.

VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8 50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " " "	3.50	30.00
" 4 " " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers $20.00 per 100.

F. LUDEMANN,
Pacific Nursery, SAN FRANCISCO, CAL.

Mention The Review when you write.

15,000 Extra Fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of **Asparagus Plumosus Nanus,** out of 2½-in. pots. A few thousands mixed **Roses** on hand for planting. **WRITE FOR PRICES.**

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

HOLLY.
Finest Quality. Any Quantity.

Write for prices delivered at your door.

CALDWELL THE WOODSMAN CO., Inc.
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And Other Decorative Plants, Oct

An Immense Stock of Fine Plants Must

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LATANIA BORBONICA	4000	2-inch	KENTIA BELMOREANA	150	5-inch
"	7500	3-inch	"	150	7-inch
"	3000	4-inch	KENTIA FORSTERIANA	3000	2-inch
"	100	5-inch	"	2000	3-inch
"	450	6-inch	"	1000	4-inch
"	200	7-inch	"	100	5-inch
KENTIA BELMOREANA	3000	2-inch	"	100	6-inch
"	1000	3-inch	"	100	7-inch
"	1000	4-inch	"	50	8-inch

Also Cycas, Ficus, Ferns a

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Wednesday and Thursday, O

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SALE OF PALMS

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. be Closed Out to the Highest Bidders.

ST OF THE PLANTS:

OSTON FERNS..... 250 2-inch
" 300 3-inch
" 500 4-inch
" 400 5-inch
" 300 6-inch
" 25 8-inch
SPARAGUS PLUMOSUS.....2500 2-inch
" 1500 3-inch
" 2200 4-inch

ASPARAGUS SPRENGERI.....500 2-inch
" 100 3-inch

ARECA LUTESCENS, 60 3-inch, 3 plants in pot
" 500 4-inch, 3 plants in pot
" 300 5-inch, 3 plants in pot

COCOS WEDDELIANA.....500 3-inch
LIVISTONA ROTUNDIFOLIA.....100 3-inch
" 150 5-inch

and Other Foliage Plants.

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ORAL CO., Berteau Ave., near Western Ave., CHICAGO.

PITTSBURG.

Various Items.

The cut flower business is improving. The stores are fairly busy, having quite a number of small decorations.

Carnations are not very plentiful yet, though some good Crockers are coming in. Roses are pretty well cleaned up daily, Kaiserins leading in whites. Some nice dahlias are coming in, one of the prettiest being a rose-pink, medium sized, very double one of Gustave Ludwig's, called Ludwigana.

Burki is the only one so far to send in mums. He is cutting Merry Monarch, Pacific, Bergman, M. Henderson and M. M. Johnson. These varieties will be cut out in a few days and by that time Robinson and Monrovia, a new yellow which he thinks well of, will then be ready.

The Pittsburg and Allegheny Florists' Club held a fairly well attended meeting at the storerooms of the Pittsburg Cut Flower Co., and at the meeting $50.00 was subscribed for the Galveston florists and the money has since been forwarded.

One of Pittsburg's florists, E. Fisher, is reported by a local paper as being a great bowler, he having made, in a recent game, 299 pins out of a possible 300, the last ball leaving the No. 3 pin standing. BAER.

CHENOA, ILL.—Frank Hensler has secured a lease of ten years on the lots on South Commercial street, East and West Second avenue, and has begun to move his greenhouse thereon.

HORTON, KAN.—Arthur Hopper will continue the business formerly conducted by C. H. Hollied. The latter has removed to Maryville, Mo.

TOLEDO, O.—The firm of Crane Bros. has been dissolved and two separate firms organized on account of the establishment of the sons of the different families in the business. Capt. Crane will style his company, which is composed of himself and sons, Harry and Dan Crane, as "H. J. Crane & Sons," while his brother, Amos W. Crane, will name his firm "Crane, Reihing & Crane" in order to distinctly separate the two firms.

ELMIRA, N. Y.—The annual chrysanthemum show of the Elmira Horticultural Society will be held November 14th and 15th this year. Full details may be had by addressing H. N. Hoffman, secretary.

MINNEAPOLIS, MINN.—The Improvement League distributed seeds to school children last spring and the season was recently concluded by exhibitions of the flowers and vegetables raised from the seeds held at the school houses. Much interest has been developed among the scholars.

BENTHEY & CO.

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Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Carnations	1.00 to 1.50
Valley	4.00 to 5.00
Lilies	12.00 to 15.00
Cattleyas per doz.,	5.00 to 6.00
Chrysanthemums, select, "	2.50 to 3.00
" " ordinary, "	1.00 to 1.50
Adiantum	.75
Common Ferns per 1000,	1.50
Smilax per doz.,	$1.25 to 1.50
Asparagus "	5.00 to 6.00
Ivy per 100,	.50
Leucothoe Sprays "	.75
Galax, Green per 1000,	1.50

SEEDS AND BULBS.

Freesia, Bermuda, select per 1000,	$ 5.50
" " extra select "	6.50
Longiflorum, 7 to 9 " per 100,	10.00
Candidum, extra select "	5.00
Von Sion Narcissus, extra select... per 1000,	11.50
Paper White " " "	10.50
Dutch Hyacinths, select, separate colors per 100,	4.50
Crocus, separate colors per 1000,	2.50
Tulips, extra fine mixed "	7 50

Have also fine stock of named Hyacinths and Tulips, all other seasonable bulbs.

Give us your orders. Our prices are right.

	Trade pkt.
Pansy Seed, Florists' Best, oz., $8.00	$0.25
Cyclamen, Giant Flowered	.50
Calceolaria, Finest Mixture	.50
Cineraria, Choicest Mixture	.50
Gloxinia Hybridi, Choicest Mixture	.50
Primula Obconica, Choicest Mixture	.50

All Seeds and Bulbs in Season.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for	$5.00
" wire pressed " .75; 6 for	4.00
Tobacco Stems fresh, 200 lbs for	1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100	15.00
Cape Flowers, white, per lb	1.00
" colored, "	1.50
Tissue Paper, manilla, per ream	.10
" " white, "	1.00
Wax " manilla, "	1.40
" " white, "	2.00
Doves, first quality, ea. $1.00; per doz	10.00
" second " .85; "	9.00
Rubber Aprons, ea. $1.50; per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

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Plant early and let them get established before winter. All strong individual clumps.

	Per 100
Achillea The Pearl, 3½-in. pots, very fine	$4.00
Alyssum Saxatile Compacta, field-grown	5.00
Artemisia (wormwood), field-grown	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots	5.00
" Pyramidalis Hybrida, 3½-in. pots	5.00
Anthemis Kelwayi, 3½-in pots	5.00
Aquilegia Vulgaris, mixed, field-grown	5.00
" " dbl. white, "	6.00
" Chrysantha, "	6.00
" Caerulea, "	7.00
Caryopteris Mastacanthus, 3½-in. pots	4.00
Hardy Chrysanthemums, asst., field-grown	4.00
Coreopsis Lanceolata, 3½-in. pots	4.00
Campanula Pyramidalis, blue or white, field-grown	5.00
Chrysanthemum Uliginosum, field-grown	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, "	4.00
Digitalis Monstrosa, "	5.00
Funkia Subcordata Grandiflora, field-grown	8.00
Lavendula, field-grown	5.00
Lychnis Chalcedonica, field-grown	5.00
Gypsophila Paniculata, "	5 00
Geum Atrosanguineum, "	5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots	4.00
Hemerocallis Flava, field-grown	4 00
" Sieboldii, "	6.00
Hibiscus Crimson Eye, 3½-in. pots	3.00
Iberis Gibraltarica, field-grown	5.00
Japanese Primrose, 3½-in. pots	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, "	5.00
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Statice Latifolia, "	7.00
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New Early, H. Succession, Early and Late Flat Dutch, Charleston and Jersey Wakefield, etc., $1.00 per 1000; 75c per 1000 in 10,000 lots.

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FORCING BULBS.

	12	100	1000
Hyacinths. Roman Early White,	$0.25	$1.85	$16.50
" Dutch, 1st size, separate colors	.60	4.25	40.00
" Named, finest sorts	1.00	6 50	
" Miniature, named, our choice,	.40	2.75	

Tulips. We carry stock of extra fine large sound bulbs, in all the best florists' varieties, at fair prices.

Narcissus.	12	100	1000
Paper White, true grandiflora	$0.15	$0.85	$ 7 50
" XXX, special value	.20	1.00	8.50
Von Sion Daffodil, ex dbl. nosed	.25	1.75	16 00
" very large select bulbs	.20	1.50	13 00
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Poeticus, P. Ornatus, Dbl. Roman, Golden Sun, Trumpet Major, etc., etc. 100 1000

Crocus. Very large bulbs, separate colors, $0.30 $2 50

Freesia Refracta Alba, select bulbs, to close out .30 2.50

Lil. Longfi. Our stock of these is known as unexcelled for 18 years. 5x7, 100, $2.50; 1000, $20.00; 6x8, 100, $3 50; 1000, $30 00; 7x9, 100, $5 50; 1000, $50.00; 9x10, 100, $8.50. Lil. Auratum, 8x9, 100, $4 00; 9x11, 100, $7.00. Specios. Rubrum, Album. Write for prices on all bulbs.

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Ready—Sweet Pea Seed, early forcing sorts, 25c a lb. Smilax Seed, 30c oz. Asparagus Sprengeri Seed, 100, 50c; 1000, $4.00. Benary's finest Stock, 10 weeks, separate colors or mixed—white, blue, red, rose—pkt., 10c; trade pkt., 25c. **5 per cent cash discount.**

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BOSTON FERNS

fine plants,

5-in., $3.00 per doz.; 6-in., $4.50; 7-in., $6.00.

Carnations, Portia, Pingree, Ferd. Mangold	$4.00 per 100.
Violets, Campbell and California	4.00 " "
Coleus, Crimson Verschaffeltii and Golden Bedder, stock plants, 4-in.,	1.00 " doz.
Primroses, 3-in.	5.00 " 100.
Cinerarias, 3½-in.	6.00 " "
Begonia Vernon, fine	1.00 " doz.
Geraniums, 2½-in. good plants, Gen. Grant, S. A. Nutt	2.50 " 100.
Heliotrope. 2-in., 3 var	2.00 " "
Smilax, 2½-in	1.50 " "

CONVERSE GREENHOUSES, Webster, Mass.

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ROSES!

Perle	**Sunset**
K. A. Victoria	**Souv. de Wootton**

Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides	**Golden Gate**
Bridesmaids	**La France**
Bon Silene	**Maid of Honor**
Duchess of Albany	**Mermet**

Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 10 0.

Liberty

12	**plants for**		**$7.20**
25	"	"	**12.50**
50	"	"	**15.00**
100	"	"	**28.00**

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
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Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

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for Christmas blooming. Fine large healthy plants, 3-in., $4.00 per 100; 4-in., $8.00 per 100.

Chinese Primroses. Red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.

Cinerarias. Prize strain, 2-in., $2.00 per 100.

Geraniums. S. A. Nutt, Giant, La Favorite and Pink large plants, full of cuttings for stock, $5.00 per 100.

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American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held on the evening of Oct. 3 at their rooms in Orange, the vice-president presiding.

In the failure of the essay committee to provide a speaker for the evening, a "Question Box" was substituted. Among the questions discussed were: Cabbages this season, Remedy for worms, Celery rust, Stem-rot in carnations, Thinning of Japanese plums, Is it better to spray grapes to keep off black rot, or bag? Market for early Wakefield cabbage, Drooping of young rubber plants. So successful was the scheme that it was by vote made a permanent feature of the monthly meetings.

Information was received of the death of the president's father in Scotland, and as President Duff was absent a committee was appointed to convey sympathy and condolence on behalf of the society. Letters were read from H. A. Dreer inviting the society to view his houses, and from the Morris County Gardeners in relation to forthcoming shows, and placed on file. J. B. D.

PHILADELPHIA.

Thaddeus N. Yates has purchased the entire nursery business of his brother, the late David G. Yates, and will continue the same as heretofore, under the title, "The Mount Airy Nurseries."

James Henry, a retired florist, died Oct. 6 in the Odd-Fellows Home. Mr. Henry was born in Ireland November 23, 1823, and in 1850 came to this country, locating in Germantown, where he carried on the business of a florist until July, 1898, when he retired owing to his being stricken with paralysis. One month later his wife died, and having no children or relatives he became a resident of the Home, on October 4 of that year.

BELLEVUE, O.—I. Husbands has made extensive improvements and additions to his greenhouses this summer.

CINCINNATI, O.—B. P. Critchell, the well known florist, has been very active in his new duties since his appointment as superintendent of the parks of this city, and the good effect is already noticeable.

WEST COLLINGSWOOD, N. J.—Emil Leuba, for a short time in the employ of Chas. Zimmer, the florist, mutilated himself terribly with a razor September 26. He was taken to the hospital where his injuries were at first regarded as fatal but later the surgeons said he would probably recover.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

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MORE people would use books if they knew their value. Any florist who will use our $5 Florists' Manual in the following way will get from $10 to $100 a year out of it. Spend at least ten minutes every week in getting acquainted with the valuable suggestions in it and use it as a diary of your own work, and a scrap-book of particularly good things you may read elsewhere and want to save for reference. This is "expanding" a book, and many who have tried the plan with other books have found it very profitable. This may be done either on the margins or by inserting blank leaves where needed. **Sent prepaid for $5.00.**

FLORISTS' PUB. CO., 520-535 Caxton Bldg., CHICAGO.

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to make room for 25,000 Geranium Cuttings that must be potted in ten days.

Roses. XX strong Brides, Meteors and Maids, 3-in., 12 to 18-in. high, fine plants, $2.00 per 100. Golden Gate and Perle, 2½-in., $2.00 per 100.

Carnations. Large healthy field plants. McGowan, Evelina, Armazindy, Gold Nugget, Victor, Nivea, $2.50 per 100. Mrs. Bradt, $5.00 per 100.

Asparagus Sprengeri. Strong 3-in., ready for 4-in., 4c.; 2¼-in., ready for 3-in., 2½c.

Alternanthera. Three choicest dwarf varieties. Rooted Cuttings, 60c per 100; $5.00 per 1000.

Geraniums. 1000 Bruanti (best scarlet), strong 3-in., $1 50 per 100.

Ageratum. Louise Bonnatt, latest novelty in white. R. C., $1.00 per 100. Princess Pauline, R. C., 60c per 100.

Salvia Splendens. R. C., $1.00 per 100.

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Hardy Herbaceous Plants

All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $5.00 per 100, $45.00 per 1000. Cash with order.

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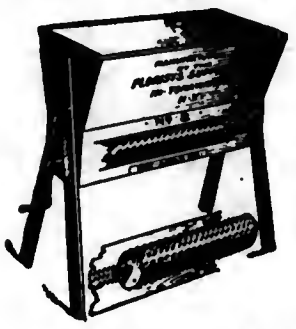
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Send for list of testimonials.

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No. 2, $10.00;
No. 3, $20.00

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ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

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We have 100 named double varieties, selected for florists' use; all good for cut flowers.

1 each of 100 varieties.....$15.00
1 each of 50 varieties..... 6.00
1 each of 25 varieties..... 3.00

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CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5 00 per 100, or 20 for $1.00. E. I. RAWLINGS, Quakertown, Pa

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THAT IS

Cheap, Harmless and Effective.

"NICOTICIDE"

The Best of All.

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THE FLORISTS' MANUAL, BY WM. SCOTT.

Is a book of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business, and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial horticulture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold. Following we print a few extracts from letters received from buyers of the book:

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
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No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florists' business. J. T. TEMPLE.
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The Florists' Manual is worth five times the price. It is just what a busy florist wants.
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Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
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We have gotten much valuable instruction from the Florists' Manual and prize it highly.
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Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
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I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

Price $5.00, Carriage Prepaid.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

MEETING OF THE CHESTNUT HILL HORT. SOCIETY.

The regular meeting of the Cheatnut Hill Horticultural Society waa held at Josiin Hall, Chestnut Hill, on the 9th. This meeting had the largest amount of exhibits yet turned out at a monthly meeting, the display covering five hundred square feet of space. The following awards were made:

For twelve ears of field corn—1st, H. Reuter, gardener to C. W. Henry; 2d, H. Harris, gardener to Mrs. William Fell.

For the best and largest pumpkin—1st, Wm. Robertson, gardener to J. W. Pepper; 2d, H. Reuter, gardener to C. W. Henry.

For six heads of spinach—1st, John Little, gardener to J. Welsh,

For bunch of radishes—1st, Frank Gould, gardener to J. T. Morris.

For three heads of lettuce—1st, G. Carey, gardener to T. C. Price.

Special mention was made of an extremely large and fine collection of vegetables and mushrooms exhibited by Mr. Frank Gould.

Best vase of fifty mixed cosmos—1st, Victor Holmes; 2d, Wm. Robertson.

For the best arranged basket of fruit—1st, H. Reuter.

For the best bunch of hot-house grapes—1st, James Ward; 2d, Wm. Robertson.

For two bunches of black grapes (hardy)—1st, Wm. Robertson; 2d, H. Harris.

For two bunches of white grapes (hardy)—1st, H. Harris; 2d, Wm. Robertson.

For the best palm in not over twelve-inch pot—1st, Wm. Robertson; 2d, G. W. Brown, gardener to R. N. Carson.

Best arranged bouquet of wild flowers exhibited by school children—1st, Maggie McNeal; 2nd, Sadie Henderson; 3rd, May Henderson.

Special mention was made of the following: Vase of hardy begonias, specimen plant of ricinus, 16 ft. 6 inches in height, and for specimen flowers of tuberous-rooted begonias exhibited by Frank Gould; for specimen cattleya exhibited by Wm. Robertson; a new seedling carnation, exhibited by A. M. Lawson; a new seedling canna, improvement upon Queen Charlotta; also for grand new seedling yellow canna known as No. 8, and for another seedling unnamed, a special feature of which is the extremely rich, dark foliage, exhibited by Robt. G. Carey; a collection of herbaceous perennial blooms exhibited by Thos. Meehan & Sons; a superb collection of dahlia blooms exhibited by Thomas Miller, assistant gardener to T. C. Price; a specimen Boston fern, exceeding ten feet in diameter, exhibited by C. A. Knapp.

This exhibition in point of attendance and the size and quality of the exhibits exceeds anything we have heretofore had, and the interest shown speaks well for the success of our chrysanthemum exhibition to be held November 7th, 8th and 9th, for which over $400 worth of prizes are offered. The society proposes to issue a special thirty-six page programme, and the committee of arrangement is leaving no stone unturned to make the exhibition up-to-date in every particular. Copies of the schedule can be had of Robt. G. Carey, secretary.

J. H. H.

DENVER, COLO.

Bowling.

The following is the score for October 9.

	1	2	3	4	Av.
C. J. Thiess	176	230	197	170	193
Geo. Zimmer	168	181	197	195	185
N. A. Benson	151	197	196	175	179
Neil Jakobsen	143	144	188	210	171
Phil Scott	128	156	109	179	165
Chas. Franz	162	184	146	145	159
Jno. Berry	114	181	185	146	159
Al Mauff	145	135	181	160	155
Ben Boldt	115	142	132	118	126
A. M. Lewis	122	112	....	....	118
C. Meyer	90	137	110	108	111
C. A. Benson	89	134	133	83	109
J. A. Valentine	....	89	150	90	107

C. J. T.

TREES AND SHRUBS.

Messrs. Thos. Meehan & Sons, Germantown, Pa., have issued a new catalogue of ornamental trees, shrubs, vines, evergreens, hardy perennials and fruits that is remarkably full and complete, and is a very useful book of reference. Half-tone engravings from photographs have been largely used and they add a great deal to the value of the text.

JOSEPH HEACOCK, WYNCOTE, PA.
Offers the following
Home-Grown PALMS.
FREE FROM INSECTS AND DISEASE OF ANY KIND.

They cannot fail to give satisfaction. Should be seen to be appreciated.
A trial order is solicited.

ARECA LUTESCENS.

3 plants	6-inch pot	24-inch	$12.00 per doz.;	$100.00 per 100
3 "	8 "	31 "	30.00 "	
3 "	8 "	36 "	36.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	6 "	24 "	15.00 "	125 00 "
6 "	6 to 7 "	26 "	18.00 "	150.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each.
8 "	7 to 8 "	36 inches high		4.00 "

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
8 "	6 "	36 to 40 inches high	3.00 each;	36.00 per doz.
8 "	6 "	48 to 50 "	4.00 "	48.00 "

All Measurements are from Top of Pot.

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100,000 GERANIUMS ROOTED CUTTINGS...
SEND FOR LIST AND PRICES.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in	3.00
" " 2¼-in	4.00
Baby Primrose, 2¼-in	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " (winter), 2-in	3.00
" " " 4-in., very strong	6.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings, $10.00 per 1000	1.25
Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.	

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.
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50,000 **large** Flowering Shrubs, from four to seven feet; bushy, symmetrical, fine and thrifty. Excellent for planting new places where immediate effect is desired.

Bargains in these by the quantity, as they occupy land which must be cleared.

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Roses for the South. Varieties most adapted for southern planting. Just the thing you want. Stock A No. 1. Write for Price List.
J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.
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NEW GERANIUM LITTLE PINK
Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.
W. E. HALL - CLYDE, OHIO.

Studer Pays Freight
on a **sample order** of my excellent stock of
PALMS, FERNS and other DECORATIVE PLANTS.
Send for Price List.
N. STUDER, Anacostia, D. C.
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A Fine Lot of.... PLANTS at Low Prices.

	Per 100.	Per 1000.
Pansy Plants, large flowering, 6 leaves	$ .40	$2.50
Geraniums, choice mixed, 2½-in.	1.50	12.50
Chinese Primroses mixed, 2½-in.	1.50	12.50
Hardy Pinks (Grass) Clumps	1.50	12.50
Flowering Begonias, mixed, 2½-in.	1.50	12.50
Calla Bulbs, medium sized	5.00	40.00
Field-Grown Roses, Bride, Bridesmaid and Perle	5.00	40.00
Sedum Variegatum (Border Plant), 2¼-inch	2.00	15.00
Rose Geranium, Scented	1.50	12.50
R. C. Carnation Morning Glory (Light Pink)	5.00	40.00
Pansy Seed, Giant Flowering, mxd.	1.00 per oz.	
Hardy Ferns, mixed, 4-in. per 100, $5.00; 1000, $40.00		

50 plants at 100 rates; 250 at 1000 rates. (Cash)

THE MORRIS FLORAL CO., Morris, Ill.

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FIELD-GROWN STOCK.

Gen. Gomez, Mrs. Bradt and Glacier, strong stock, $6 per 100; Pingree and Argyle, $4 per 100.

ASPARAGUS SPRENGERI, strong stock, 2-inch, $3 per 100, 3 " $4 " 3½ " $6 " 4 " $10 "

F. DORNER & SONS CO., LA FAYETTE, IND.

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FIELD-GROWN CARNATIONS

Daybreak, Scott, Portia, Silver Spray, Genesee, Cartledge, Jubilee and Triumph, **$5 per 100; $40 per 1000**

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Pot-Grown Violets, 3-inch, $3 per 100; 4-inch, $4 per 100.

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Surplus CARNATIONS.

600 Gen. Gomez 3c	500 Sandusky 4c
250 Melba 4c	80 Maud Adams....4c
200 Daybreak.....2c	40 America 3c
200 Victor 2c	50 Jubilee 3c
100 Gold Nugget 6c	75 Argyle 3c

W. E. HALL, CLYDE, O.

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California Field Grown, strong and healthy.

ELDORADO, SCOTT, McGOWAN, PORTIA, $5.00 per 100.

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Field-Grown Carnation Plants.

READY FOR IMMEDIATE SHIPMENT.

	Per 100	Per 1000
Olympia	$12.00	$100.00
The Marquis	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
" second size	5.00	40.00
Gen. Gomez	$5.00	$40.00
Mrs. G. M. Bradt, selected	8.00	75.00
Wm. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent. discount if cash is sent with the order.

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Our Carnations this year are very fine. They have been grown with the greatest care, free from disease and are packed light by our improved method of packing by which we can send to all parts of the United States in perfect condition.

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MAUDE ADAMS McGOWAN L. L. LAMBORN SWEET BRIER METEOR
FLORA HILL PORTIA MRS. FISHER ALBERTINI DOROTHY SWEET C. A. DANA

$1.00 per doz.; $5.00 per 100.

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PRIMROSES.

Chinese Mixed, large flowering fringed,	per 100,	$1.50
Obconica GRANDIFLORA and ROSEA,	"	2.00
Asparagus Sprengeri, 2-inch pots,	"	2.50
Asparagus Plumosus, " "	"	3.50
Pansy Plants, large flowering, 1000, $2 50	"	.50

Cash please.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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CARNATIONS!

FIELD-GROWN PLANTS.

Genevieve Lord. Only 1000 extra fine plants left. These plants are under cover, safe from frosts. We recommend it as a fitting successor to Wm. Scott and the most profitable pink carnation ever offered to the trade. Per 100, $12.00. 200 or more at $10.00, 500 or more at $7.50 per 100.

James Whitcomb Riley. $12 00 per 100.

Also a few Daybreak, Pingree and Wm. Scott, fine plants, to close out, $5.00 per 100.

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CARNATIONS!

MARQUIS

Field-Grown, $10.00 to close.

L. E. MARQUISEE, Syracuse, N. Y.

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Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
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With Plenty of Roots.

Send for prices on 85 best new and standard varieties.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii. Rooted cuttings, $1.50 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

ACALYPHA.

Acalypha Sanderii, 2½-in., $4.00 per 100; $35.00 per 1000. 3-in., strong plants, $6.00 per 100. Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Louise Bonnatt, latest novelty in white, rooted cuttings, $1.00 per 100. Princes Pauline, rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

ALTERNANTHERA.

Three choicest dwarf varieties, rooted cuttings, 60c per 100; $5.00 per 1000. South Side Floral Co., Springfield, Ill.

ALYSSUM.

Sweet Alyssum, Giant White, extra fine for immediate planting, from 3-in., $3.00 per 100. N. Smith & Son, Adrian, Mich.

ARAUCARIAS.

	Each.
Excelsa, 3-inch, nice plants	$0.50
Excelsa, 4-inch, nice plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
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Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

	pot	Doz.	100.
Plumosus Nanus	2-inch	$0.50	$4.00
Plumosus Nanus	3-inch	1.00	8.00
Plumosus Nanus	4-inch	1.50	12.00
Plumosus Nanus	5-inch	2.00	15.00
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	5.00	
Sprengeri	8-inch	10.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

A. Sprengeri, 6-in. pots, heavy, $4.00 per doz.; $25.00 per 100; 5-in., $2.50 per doz.; $15.00 per 100. Cash with order, or 25 per cent. if C O. D. A. Nelson, Box 1450, Paterson, N. J.

Sprengeri and plumosus nanus, extra strong stock from 2½-in. pots, ready for 3-in., $5.00 per 100; $40.00 per 1000.
Jackson & Perkins Co., Newark, New York.

Plumosus nanus, 2½-in. pots, strong, $6.00 per 100; Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Plumosus, $3.50 per 100; $30.00 per 1000. Sprengeri, $2.50 per 100; $20.00 per 1000. Nice plants from 2½-in. pots.
Good & Reese Co., Springfield, O.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kan.

A Sprengeri, 2-in. pots, $2.50; A plumosus, 2-in. pots, $3.50 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, strong stock, 2-in., $3.00, 3-in., $4.00, 3½-in., $6.00, 4-in., $10.00 per 100. F. Dorner & Sons Co., LaFayette, Ind.

5000 A. plumosus nanus, 4-in., $10.00 per 100; $75.00 per 1000. F. H. Kramer, 423 Center Market, Washington, D. C.

Sprengeri, strong 3-in., ready for 4-in., 4c; 2¼-in., ready for 3-in., 2½c. South Side Floral Co., Springfield, Ill.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
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A. plumosus nanus, strong plants, 2½-in., $5.00 per 100. N. Smith & Son, Adrian, Mich.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

1000 A. Sprengeri, 4-in., $1.00 per doz.; $7.00 per 100. Ben. L. Elliott, Cheswick, Pa.

XX Sprengeri, 3 sizes, low prices. Write Roney Bros., West Grove, Pa.

A. Sprengeri, 2½-in., $2.50 per 100. M. & S. L. Dysinger, Albion, Mich.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica. Ask for prices.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, strong plants from 2¼-in., $15.00, 3½-in., $25.00 per 100. Begonia Gloire de Lorraine nana compacta, strong plants, 2¼-in., $15.00, 3½-in., $27.50 per 100. Begonia Caledonia, the white Lorraine, from 3½-in., plants ready for delivery Nov. 1, $5.00 each. We are the only firm in America offering this fine, new novelty this year.
R. & J. Farquhar & Co., 16 and 19 So. Market st., Boston, Mass.

Begonia Rex. I have a most beautiful collection of this justly popular pot plant, in the finest market varieties. Mixed, from 2½-in. pots, $4.00 per 100; labeled, $5.00 per 100. Paul Mader, East Stroudsburg, Pa.

Begonia Feastii, fine plants from 4-in. pots, $3.00 per 100.
Fairview Floral Co., Beatty, Ohio.

Begonia Rex, strong 3-in. in good assortment, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

5,000 flowering begonias, 10 choice varieties, 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Begonia Vernon, fine, $1.00 per doz.
Converse Greenhouses, Webster, Mass.

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Jerusalem Cherries. About 500 plants, 5 to 10 in. high, in 3 and 4-in. pots, good healthy stock, $4.00 per 100, cash.
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BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

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Bulbs now ready, per 1000: Lilium Longiflorum, Japan, 5 to 7 in., $20.00, 6 to 8 in., $30.00, 7 to 9 in., $50.00, 9 to 10 in., $90.00. Lilium Harrisii, 7 to 9 in., $8.00 per 100; $75.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt st., New York.

FORCING BULBS READY.

Hyacinths.	12	100	1000
Roman Early White	$0.25	$1.85	$16.50
Dutch, 1st size, separate colors	.60	4.25	40.00
Named, finest sorts	1.00	6.50	
Miniature, named, our choice.	.40	2.75	

Tulips.
We carry stock of extra fine large sound bulbs, in all the best florists' varieties, at fair prices.

Narcissus.	12	100	1000
Paper White, true grandiflora.	$0.15	$0.85	$ 7.50
" XXX, special value..	.20	1.00	8.50
Von Sion Daffodil, ex. dbl. nosed	.25	1.75	16.00
" very large select bulbs	.20	1.50	13.00
" fine flowering bulbs, large	.15	1.25	10.00

Poeticus, P. Ornatus, Dbl. Roman, Golden Sun, Trumpet Major, etc., etc.

Crocus.	100	1000
Very large bulbs, separate colors	$0.30	$2.50
Fresia Refracta Alba.	100	1000
Select bulbs, to close out	$0.30	$2.50

Lil. Longfl.
Our stock of these is known as unexcelled for 18 years. 5x7, 100, $2.50; 1000, $20.00; 6x8, 100, $3.50; 1000, $30.00; 7x9, 100, $5.50; 1000, $50.00 9x10, 100, $8.50. Lil. Auratum, 8x9, 100, $4.00; 9x11, 100, $7.00. Specios. Rubrum, Album. Write for prices on all bulbs. H. H. Berger & Co., 47 Barclay st., New York.

Bermuda grown Longiflorum, in splendid shape, 350 bulbs to the case, $14.00 per case. Lilium Harrisii, fine stock, bulbs are plump, bright and clean, 5-7's, 400 bulbs to case, $16.00 per case. 7-9's, 200 bulbs to case, $18.00 per case, as long as unsold. White Roman Hyacinths, extra quality, 12-15 cm., in case lots, 2100 bulbs to the case, $16.00 per 1000. Paper White Narcissus, case lots, about 1300 bulbs to case, $7.50 per 1000, 5 per cent discount when cash is remitted with order. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

French and Dutch bulbs ready to deliver. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Callas, 1½ to 1¾ in. diam., $1.25 per doz.; $7.00 per 100.
Good & Reese Co., Springfield, Ohio.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Texas and Mexican bulbs, $2.50 to $15.00 per 1,000. William Tell, Austin, Texas.

1,000 Calla bulbs, medium size, $5.00 per 100. Morris Floral Co., Morris, Ill.

CANNAS.

Cannas. Dry roots, ready in November, best named sorts, $15.00 per 1000. P. J. Berchmans Co., Augusta, Ga.

CARNATIONS.

Field-grown plants, ready for immediate shipment.	Per 100.	Per 1000.
Olympia	$12.00	$100.00
The Marquise	12.00	100.00
Mrs. Jas. Dean	6.00	50.00
Gen. Maceo, extra size	8.00	75.00
Gen. Maceo, second size	5.00	40.00
Gen. Gomez	5.00	40.00
Mrs. G. M. Bradt, selected	8.00	75.00
W. Scott	5.00	40.00
L. McGowan	5.00	40.00

5 per cent discount for cash with order.
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Strong, field-grown carnations, healthy stock. America, Gen. Maceo, Mrs. Bradt, 1st size, $8.00 per 100, $70.00 per 1,000; 2nd side, $6.00 per 100; $50.00 per 1,000. Melba, Gen. Gomez, Armazindy, 1st size, $7.00 per 100; $60.00 per 1,000; 2nd size, $5.00 per 100; $45.00 per 1,000. Bon Ton, Joost, Psyche, 1st size, $6.00 per 100; $50.00 per 1000; 2nd size, $5.00 per 100; $45.00 per 1,000. Firefly, New York, Sea Shell, Victor, Cartledge, Alaska, Portia, Lizzie McGowan, Scott, 1st size, $5.00 per 100; $40.00 per 1,000; 2nd size, $4.00 per 100; $35.00 per 1,000. Wood Bros., Fishkill, N. Y.

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Pteris Serrulata	2-inch	.50	4.00
Pteris Tremula	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Exaltata	6-inch	3.00	20.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	4-inch	2 00	
Nephrolepis Bostoniensis	5-inch	3.00	
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100 ferns, fine bushy plants, assorted varieties—Cytromium Falcatum, Onychium Japonicum, Pteris cretica albo-lineata, Pteris Adiantoides and Argyraea, well packed and sent expressage prepaid, to any point east of Chicago or north of Richmond, for $4.00 cash. Seedling ferns, $1.00 per 100.
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Pot.	Height.	Leaves.	Each.	Doz.	100
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7	24 to 28	14 to 16		10.00	75.00
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Otaska, Red-Branched and Thos. Hogg, magnificent, strong plants, with 4 to 7 crowns, $10.00 per 100; $85.00 per 1000. Jackson & Perkins Co., Newark, New York.

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English Ivy, 400 strong 2½-in., $10.00 the lot. Cash. Roney Bros., West Grove, Pa.

LANTANAS.

Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

LEMONS.

Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100.
Good & Reese Co., Springfield, Ohio.

LILY OF THE VALLEY.

3-year-old clumps, 8 to 15 pips each, $2.50 per 100; $18.00 per 1,000. Cash with order.
Wm. A. Finger, Hicksville, L. I., N. Y.

MUSHROOM SPAWN.

We have strictly fresh stock from the best English maker, 10 lbs., $1.00; 25 lbs, $2.00. Special price on large lots.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P .J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., $4.50 per 100; $40.00 per 1000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summitt, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Officinalis rubra, dark red, 2 to 3 years old, 4 to 8 crowns, also Paeonia chinensis, in mixture, 2 years old, $6.50 per 100. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

We have 100 named double varieties, selected for florists' use; all good for cut flowers. 1 each of 100 varieties, $15.00; 1 each of 50 varieties, $6 00; 1 each of 25 varieties, $3.00 Standard red, pink and white $1.20 per doz.
Indianapolis Flower & Plant Co., Indianapolis, Ind.

PALMS, ETC.

Kentia Belmoreana and Forsteriana, 2½-in., 10c; 3-in., 18c; 4-in., 35c; 5-in., 50c each. Areca Lutescens, 3 in., 3 plants to pot, 18c; 4 in., 25c each. All cool grown, nice clean stock, and cannot be duplicated anywhere for the money. Cash with order.
Geo. M. Emmans, Newton, N. J.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size Pot.	Height Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	
8	42 to 48	6	3.25	39.00	300.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	$2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.
10	40 to 45	6 to 8	$3.50

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6 extra fine			18.00	

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cts.; 3-inch, $1.25; 4-inch, $2.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Home-grown palms, free from insects and disease. They cannot fail to give satisfaction.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24	$12.00	$100.00
3 plants	8	30	30.00	.....
3 plants	8	36	36.00	.....

KENTIA BELMOREANA.

Inch pots.	Inches leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$4.50	$35.00
5	6	24	15.00	125.00
6	6-7	26	18.00	150.00
			Each.	
8	6-7	30-32	3.00	.....
8	7-8	36	4.00	.....

KENTIA FORSTERIANA.

Inch pots.	Inches leaves.	Inches high.	Per doz	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
8	6	36-40	3.00	$6.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't Plt. in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Bercksmans Co., Augusta, Ga.

Areca Lutescens, ready for pots, $2.00 per 100; $18.00 per 1000. Kentia Belmoreana, 2½-in. pots, $6.00 per 100; Pandanus Veitchii, fine, large plants, in 8-in. pots, $2.00 each. Pandanus Utilis, in 8-in. pots, $1.50 each. John Scott, Keap Street Greenhouses, Brooklyn, N. Y.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

For palms and other decorative plants write N. Studer, Anacostia, D. C.

PALM SEED.

Fresh 1900 Kentia seed. We offer until sold, Kentia Belmoreana and Forsteriana at $3.00 per 1000 seeds, net; 100 seed by mail 65c. Guaranteed. H. H. Berger & Co., 47 Barclay st., New York.

Kentia Belmoreana, fresh importation just arrived in prime condition, 1000 at $4.00 per 1000; 5,000 at $3.75 per 1000; 10,000 at $3.50 per 1000. Jackson & Perkins Co., Newark, New York.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Fine, stocky, field-grown plants of the famous Diamond strain; largest in size and greatest variety of rich and rare colors; over 60 distinct sorts and an endless variety of shades and markings; all colors, mixed, by express, $4.00 per 1,000; $2.25 per 500: by mail postpaid 75c per 100. Cash with order. Pansies a specialty for 25 years. L. W. Goodell, Pansy Park, Dwight, Mass.

50,000 pansies. Choice, large-blooming strain, strong and stocky, plants grown thinly in open field. Mixed colors, by express, $4.00 per 1,000. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Surplus stock, extra strong plants from field, the pick of the best strains in existence, either for show or bedding, $2.50 per 1,000; $10.00 per 5,000. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

Pansies. Harris's improved strain of large and extra fine colors. Plants from seed bed, 60 cts. per 100 by mail; $4.00 per 1000. Cash. C. A. Harris & Co., Delanson, N. Y.

Good, strong pansy plants, showing buds, $3.00 per 1000. Of the finest mixture.
A Wenisch, Duncomb Ave., Williamsbridge, New York City.

Pansy plants worth raising, 500 for $2.50; 1000 for $4.00. F. O. B. express here. Cash. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansy plants, large flowering, 6 leaves, 40c per 100; $2.50 per 1000. Morris Floral Co., Morris, Ill.

Pansy plants, large flowering, 50c per 100; $2.50 per 1000. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Giant Trimardeau, strong and stocky, 75c per 100 by mail; $5.00 per 1000 by express.
Harry White, New Holland, Ind.

PRIMROSES.

A grand stock of Chinese Primula plants from selected large flowering strains, ready now. From 2½-in. pots, separate colors, semi-double flowers, $5.00 per 100; $40.00 per 1000. Separate colors, single flowers, $4.00 per 100; $35.00 per 1000. All colors mixed, $3.50 per 100; $30.00 per 1000. Cash or references.
S. Alfred Baur, successor to H. A. Niemeyer, Erie, Pa.

PRIMROSES—Continued.

Chinese primroses. Globosa type, best strain grown, white, pink and red, 3-in., extra strong, $5.00 per 100. Baby primroses. Extra fine, 2½-in., ready for shifting, $4.00 per 100.
N. Smith & Son, Adrian, Mich.

Chinese primroses, 3-in., good, healthy stock, strong plants, $1.00 per doz.; 2 doz., $1.75. Cash, please. Louis Bauscher, Freeport, Ill.

Chinese, mixed, large flowering fringed, $1.50 per 100; Obconica grandiflora and rosea, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Baby primroses, 2½-in., $3.00 per 100. Cash. Sample 5c. W. J. Braim, 36 Saratoga St., Utica, N. Y.

Chinese primroses, red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, latest improved, large flowering, fine plants, ready for 3½-in., $1.50 per 100.
J. W. Miller, Hatton, Pa.

Chinese, mixed, 2½-in., $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

Baby Primrose, 200 strong 2½-in., $4.00 the lot. Roney Bros., West Grove, Pa.

Primroses, mixed, 2½-in. $2.00 per 100. M. & S. L. Dysinger, Albion, Mich.

Baby Primrose, 2¼-in., $4.00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Primroses, 3-in., $5.00 per 100.
Converse Greenhouses, Webster, Mass.

ROSES.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000. Liberty, 12 plants for $7.20, 25 for 12.50, 50 for $15.00, 100 for $28.00.
Wood Bros., Fishkill, N. Y.

Rosa rugosa, 18 to 24 inches, $5.00 per 100, 6 to 12 inches, seedlings, $12.00 per 1000. Crimson Ramblers, 18 to 24 inches, strong, $6.00 per 100. The above are field-grown. Cash with order. Frank Jencek, Box 238, Newport, R. I.

American Beauty, 4-in., selected, $15.00 per 100. Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

Strong Brides, Meteors, Maids, 3-in., 12 to 18 inches high, $2.00 per 100. Golden Gates, Perles, 2½-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
R. H. Murphey, Urbana, Ohio.

Make us an offer on 1,000 Perles, 2,000 Maids and 500 Meteors. Make us an offer, we must have the room. Geo. A. Kuhl, Pekin, Ill.

Roses for the South. Varieties best adapted for southern planting, stock A 1. Write for price list. J. B. Heiss, Dayton, Ohio.

Bride, Bridesmaid and Perle, field-grown, $5.00 per 100; $40.00 per 1000. Morris Floral Co., Morris, Ill.

Maids and Brides in 3-in., to close out, $2.50 per 100. Crabb & Hunter, Grand Rapids, Mich.

Field-grown roses, $8.00 per 100. Crimson Rambler, 2 to 4 ft. Wm. K. Nelson, Augusta, Ga.

Meteors, Perles, Maids and Brides, fine stock, 3-in., $3.00 per 100; $20.00 per 1,000.
Crabb & Hunter, Grand Rapids, Mich.

Strong, 2-year field-grown Baltimore Belle, own roots, $2.00 per doz.
S. J. Galloway, Eaton, Ohio.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIAS.

The two new Russelias, Lemoinei multiflora and Lemoinei elegantissima, 60c per doz.; $4.00 per 100.
Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvia splendens, rooted cuttings, $1.00 per 100. South Side Floral Co., Springfield, Ill.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

SEEDS.

Cyclamen giganteum, fine, mixed, $12.00 per oz.; 100 seeds 50c. Hardy Primulas, trade pkt., 20c.; oz. $4.00. Yellow primulas, trade pkt., 25c. Vinca, mixed, $1.00 per oz. Pansy, giant Mme. Perret, the finest pansy in the market, extra strong grower, large-flowering, most all colors, the only one fit for cut flowers, per pkt., 25c; per oz., $4.00. Melle Cecile Davy, the only pansy in the market, stands more hot weather than any other kind, trade pkt., 25c; oz. $4.00
Beaulieu, Woodhaven, N. Y.

Pansy seed, improved German-American mixture, $5.00 per oz. Cyclamen, best English, $1.00 per 1-32 of oz. Primula, the best English, 50c trade pkt.; Rolker's superior mixture, $1.50 per 1-16 oz. Cinerarias, best English, large flowering, 50c per trade pkt.
August Rolker & Sons, 52 Dey St., N. Y.

Sweet Pea seed, early forcing sorts, 25c per lb. Smilax seed, 30c per oz. A. Sprengeri seed, 100, 50c; 1000, $4.00. Benary's finest stock, 10 weeks, separate colors or mixed—white, blue, red, rose—pkt., 10c; trade pkt., 25c. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, 3-16 oz., $1.00; 1 oz., $4.00. Chr. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansy seed, giant flowering, mixed, $1.00 per oz. Morris Floral Co., Morris, Ill.

SHRUBS FOR FORCING.

Deutzia Gracilis, a fine lot of 3-year-old plants, suitable for 7 and 8-in. pots, $1.00 per doz.; $8.00 per 100. Deutzia Lemoinei, one of standard varieties for forcing. We carry the largest stock in the country and offer extra heavy 2-year-old plants suitable for 7-in. pots at $1.25 per doz.; $10.00 per 100; strong, 1-year-old plants, suitable for 6-in. pots, 75c per doz.; $6.00 per 100. Deutzia Gracilis Rosea (new), a limited stock of 1-year-old plants, $2.00 per doz.; $15.00 per 100. H. A. Dreer, 714 Chestnut st., Philadelphia.

SMILAX.

Good bushy plants from 2 and 2½-in pots; must sell to make room; $5.00 per 1,000; 75c per 100. Write for sample. R. Kilbourn, Clinton, N. Y.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax, 2½-in., $1.50 per 100.
Converse Greenhouses, Webster, Mass.

SPIRAEA.

Blue and crimson spiraea, 2½-in., fine, 3c; field stock, 6c. Cash.
Benj. Connell, Florist, West Grove, Pa.

100 red spiraea, field, $4.00; 300 blue spiraea, field, for $10.00. Cash. Roney Bros., West Grove, Pa.

STEVIA.

Stevia, 7 and 8-in. pots, 20 to 25 shoots, $1.50 per doz. C. C. Pollworth Co., Milwaukee, Wis.

Send in your order now for a copy of the Florists' Manual.

VEGETABLE PLANTS.

Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1000, $8.50 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball, 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

Cabbage plants—New Early, H. Succession, early and late Flat Dutch, Charleston, Jersey Wakefield, $1.00 per 1,000; 75c per 1,000 in 10,000 lots. Lettuce plants—Big Boston, Boston Market, White Loaf, Tennis Ball, $1.00 per 1,000; 75c per 1,000 in 10,000 lots. Cash. J. S. Linthicum, Woodwardville, Md.

VERBENAS.

Lemon verbenas, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 2¼-in., $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
Greene & Underhill, Watertown, N. Y.

500 variegated vincas. Strong field-grown plants, vines 3 to 5 ft. long, $10.00 per 100. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Vinca Variegata. Field-grown, elegant plants, $5.00 per 100. Cash with order. Henry Engler, 4651 Lancaster Ave., Philadelphia, Pa.

Vincas, variegated, strong, field-grown, extra fine plants, $6.00 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

Vinca major var., field-grown, 2 to 3 ft., fine, $6.00 per 100. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Vinca major variegata, strong, field-grown clumps with 6 to 10 long growths, $6.00 per 100.
N. Smith & Son, Adrian, Mich.

VIOLETS.

Money in violets. Practice the methods of culture and marketing explained in Professor Gallaway's book, Commercial Violet Culture, 224 pages, elegantly printed and illustrated, price, postpaid, $1.50. Other books of same publishers are The Water Garden, by Wm. Tricker, price $2.00; Commercial Plants, by G. W. Oliver, price $1.00. Residential Sites and Environments (Landscape Gardening), by J. F. Johnson, price $2.50. Send for Catalogue. Address A. T. De La Mare, Ptg. & Pub. Co., Ltd., 2 Duane St., New York.

La France and Princess of Wales violets, large, field-grown plants, $5.00 per 100. The California, clumps from open ground, $3.00 per 100; $25.00 per 1000.
C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Lady Campbell, fine clumps; field-grown; clean and healthy; grown from young cuttings rooted in sand last spring, $3.00 per 100; $25.00 per 1000. Will send plants that will please. Well packed.
Chas. Black, Hightstown, N. J.

Field-grown violets, $5.00 per 100; $40.00 per 1000. Pot-grown, 3-in., $3.00 per 100; 4-in., $4.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

California clumps, fine, $3.00 per 100. L. H. Campbell clumps, fine, $5.00 per 100. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Marie Louise violets from 2½ and 3-in pots, $2.50 to $3.00 per 100; $25.00 to $30.00 per 1,000.
A. S. MacBean, Lakewood, N. J.

Field Campbell, 300 for $8.50. Field California, 300 for $7.50. Cash. Roney Bros., West Grove, Pa.

California, field-grown, strong and healthy, $5.00 per 100. Geo. F. Curwen, Villa Nova, Pa.

Field-grown. Farquhar, Marie Louise and California, $3.00 to $5.00 per 100. Good stock.
Frederick A. Taylor, Canastota, N. Y.

Farquhar, 2¼-in., free from disease, $2.50 per 100. Greene & Underhill, Watertown, N. Y.

Violet plants $5.00 per 100. A. H. Brown, Westboro, Mass.

California and Campbell, $4.00 per 100.
Converse Greenhouses, Webster, Mass.

TO EXCHANGE.

Seedling pansy plants of a very superior strain, chiefly light colors; also seedling blue myosotis Victoria, to exchange for Adiantum cuneatun, A. Sprengeri or plumosus, or white gladiolus bulbs. F. L. Rumrey, Stoughton, Mass.

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Star Florists' Boxes. Edwards & Docker, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Hardy cut ferns, 75 cts. per 1000. Natural circumstances seem to indicate this as a hard year to keep cut ferns. If this proves true the price will advance accordingly. Xmas trees by carload or less. John Abbott, Hinsdale, Mass.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind.

Holly, finest quality; any quantity. Write us for prices delivered at your door. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Holly, Holly Wreaths and Laurel. C. E. Brown, Bridgeville, Del., packer and dealer in bright, green, well berried holly in small and car lots.

Southern wild smilax. New crop now ready for shipment. Write for circular and price list. J. G. Barrow, Red Level, Ala.

Hardy cut ferns 75c per 1000, in 1000 lots. Bouquet Green, Christmas trees, etc. L. B. Brague, Hinsdale, Mass.

Ferns, 75c per 1000. Laurel festooning, the best, 4 to 6c per yard. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

New list just issued, Cape flowers, Immortelles, Cycas leaves and wreaths, Funeral sheaves, etc., etc., all at lowest cost for best quality. Send for copy to August Rolker & Sons, 52 Dey St., New York.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
Albert M. Herr, Lancaster, Pa.

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Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays address the introducer,
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Cut ferns	.60 "
Leucothoe	3.00 "

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Bronze galax leaves, $1.25 per 1000, every leaf guaranteed. Try a sample 50 for 10c in stamps delivered free. American Rose Co., Washington, D. C.

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Galax leaves. J. L. Banner & Co., Montezuma, N. C.

Galax leaves. Chas. H. Ricksecker, Linville, N. C.

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Bateman Mfg. Co., Grenloch, N. J.

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Improved greenhouse Glazing Point, a sure preventive of glass slipping; effective on large or small glass; made of zinc and will not rust.
Chas. T. Siebert, Mfg., Pittsburg, Pa.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

"Greenhouse Putty" (trade mark) for Florists. T. H. Nevin Co., Allegheny, Pa.

Mastica and Mastica glazing machines. F. O. Pierce Co., 170 Fulton st., New York.

Greenhouse glass a specialty, Sprague, Smith Co., 207-209 Randolph st., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

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Send for descriptive circular of the best florists' hose nozzle on the market.
Greene & Underhill, Watertown, N. Y.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Manufacturers' Rubber Co., 45 Vesey st., N. Y.

Good Hose, J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch st. Phila., Pa.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.
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Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

When in want of pure Dalmatian Insect Powder, Hellebore, etc., write to Chas. W. Jacob & Allison, 66 Pine st., New York.

Rose Leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

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Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

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CAST IRON GREENHOUSE PIPE in 9-foot lengths, and pipe fittings, valves, etc. GREENHOUSE BOILERS, conical, sectional and self-feeding.
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Iron Pipe and Fittings. Rundle & Spence Mfg. Co., 63 Second St., Milwaukee, Wis.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M. Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
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Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

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Whilldin Pottery Co., Philadelphia, Pa.

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J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

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When in want of Raffia, write to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

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Sphagnum Moss, H. R. Akers, Chatsworth, N.J.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

BELLEVILLE, ILL.

The police here are trying to locate Charles Harrder, a promoter who started to build an immense greenhouse in which he proposed to grow flowers by electricity. Advanced scientific methods were to be employed which would produce blossoms in a short time and result in large profits to all concerned. He ordered liberally from merchants and lumbermen, and fifteen carpenters from St. Louis had partly built the hothouse.

Harrder set Saturday for payment on the material and for the services of his employes. The day came and went, but no Harrder appeared. Sunday he sent word he would appear to-day with the money, but the merchants and others who had given him credit became suspicious. To-day a writ of attachment was served on some of the material, while other creditors took theirs away without the formality of a writ.—Chicago Record, Oct. 16.

FOR A NATIONAL FLOWER.

A certificate of the organization of the National Flower Association of the United States was filed in the state secretary's office at Hartford, Conn., October 1. The objects of the association, which is voluntary, is to further the official adoption by an act of Congress of the golden rod as the national floral emblem of the United States. The association is also to secure memberships and to disseminate information by lecture and the publication of literature, and to organize branches and to hold floral congresses. The association is located at Bristol, Conn., and the incorporators are Leverett K. Seymour, E. Alexis Taylor, J. L. Thomas and Thomas Cairns. E. Alexis Taylor is president and J. L. Thomas is the secretary of the association.

ANGOLA, IND.—R. Ford Carpenter has added a new house 12x60 for carnations.



THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

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NEWARK, N. J.—The German Horticultural Society is arranging to give an exhibition in the near future.

WAUKEGAN, ILL.—The C. & N. W. railway will discontinue raising bedding plants for the stations along its line, and such bedding will be replaced with shrubbery. The greenhouses here will be devoted to raising cut flowers for use in dining cars.



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The Whilldin Pottery Co.

.....INCORPORATED.....

MANUFACTURERS OF

FLOWER POTS.

PHILADELPHIA,

LONG ISLAND CITY, N. Y. JERSEY CITY, N. J.

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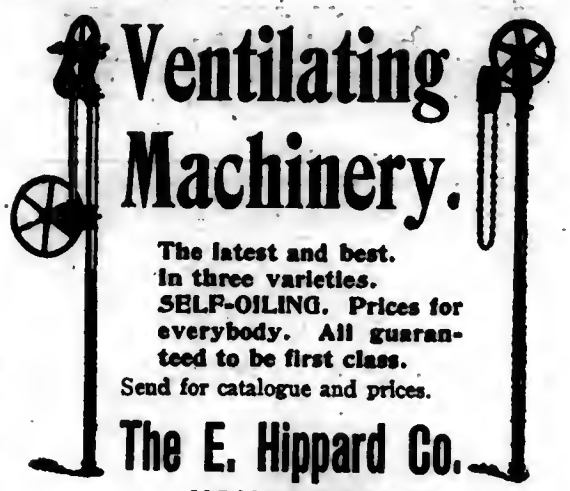
for vaporizing tobacco water and tobacco extracts. Made for any sized steam pipe. Write for price; also circular.

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The latest and best. In three varieties. SELF-OILING. Prices for everybody. All guaranteed to be first class.

Send for catalogue and prices.

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Perfectly Installed by

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Expert Advice and Plans Furnished.

Catalogues 4 Cents.

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Nursery..... .....Seed..... Florists'.... Catalogues

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Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus

Send Four Cents for Catalogue.

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GLAZING POINT.

A sure preventive of glass slipping; effective on large or small glass. **Zinc will not rust. Last forever.** Easy to drive and easy to extract. Two sizes, ⅝ and ⅞. One pound, **40c.** By mail 14c extra. 1440 ⅝ and 1040 ⅞ in a pound. **7 pounds by express, $2.50.**

For sale by H. F. Michell, Philadelphia, Pa. Vaughan's Seed Store, Chicago. Vaughan's Seed Store, New York. Schlegel & Fottler, Boston. W. C. Beckert, Allegheny, Pa. Vonnegut Hdw. Co., Indianapolis, Ind. Pittsburg Cut Flower Co., Pittsburg, Pa. Carneal & Davis, Richmond, Va. Ingalls Bros., Brooklyn, N. Y.

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St. Louis, Mo.

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Chas. T. Siebert — In our 25 years' experience in glazing points of all kinds, I can say your **zinc points are the best to date.** CHAS. H. WILSON, Manager for Ella Grant Wilson, Florist.

Berwick, Pa.

Chas. T. Siebert — Enclosed find M. O. for one lb. more zinc points the same as others sent. **They are decidedly the best point we ever used.**

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Youngstown, Ohio.

Chas. T. Siebert — Please find enclosed check for $3 50, for which send me 10 lb. more of your zinc points. **To my way of thinking, too much can not be said in their favor.**

Yours truly, E. HIPPARD.

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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

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At the New York S. A. F. Convention,

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(New Model), Awarded the

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We make a specialty of greenhouse heating and invite your investigation of our system. Heat your houses evenly and with economy—use **FURMAN BOILERS.** Special Florists' Catalogue sent free upon request.

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29 to 59 Erie St., CHICAGO.



Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around, front, sides and back. Write for information.

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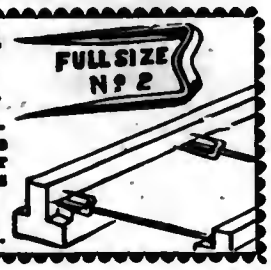
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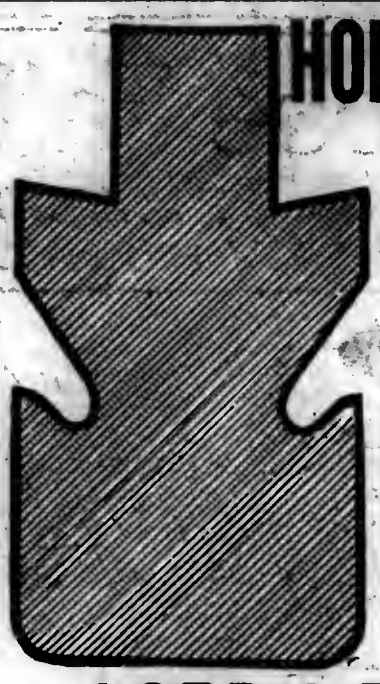
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Horticultural Architects and Builders.



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BROOKLYN, N. Y., March 23, 1900.

MESSRS. THOS. W. WEATHERED'S SONS,
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Yours very truly, Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler, I will let you know later when to deliver it. J. S.

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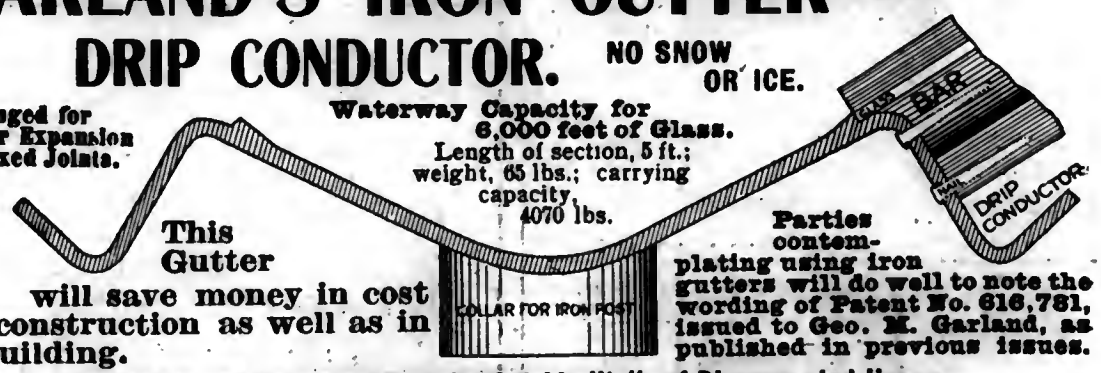
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NO SNOW OR ICE.

Arranged for either Expansion or Fixed Joints.

Waterway Capacity for 6,000 feet of Glass.
Length of section, 5 ft.; weight, 65 lbs.; carrying capacity, 4070 lbs.



This Gutter will save money in cost of construction as well as in rebuilding.

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Iron Plate and Drip Conductor for Outside Walls of Disconnected Houses.

GEO. M. GARLAND, - DES PLAINES, ILL.



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HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, OCTOBER 25, 1900. No. 152.

Nephrolepis Wittboldii

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See our Fall List in Classified Advs. under headings Palms, Ferns, Asparagus, Araucarias, Ficus and Cycas.

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1657 Buckingham Place, CHICAGO.

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A few of our specialties are:

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M. RICE & CO.
918 Filbert Street, PHILADELPHIA, PA.
Handsome new catalogue for the asking.

KENNICOTT BROS. CO.

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Violets, Valley, American Beauties

SPECIALTIES WE CARRY.

SEE ADV. PAGE 623.

WM. F. KASTING

WHOLESALE COMMISSION FLORIST....

ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.



481 Washington St., BUFFALO, N. Y.

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YOU CAN REGULATE IT.
Send for list of testimonials.
Patent allowed February 27, 1900.
No. 1, $5.00;
No. 2, $10.00;
No. 3, $20.00.



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ESTABLISHED 1802

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BULBS Now Ready

Lilium Longiflorum Japan,	Per 100	Per 1000
5 to 7-in	$2.00	$18.00
6 to 8-in	3.00	27.00
7 to 9-in	4.50	40.00
9 to 10-in		90.00
Lilium Harrisii, 7 to 9-in	8.00	75.00

Dutch Hyacinths, Narcissus, Tulips, etc.

J. M. THORBURN & CO.
(Late of 15 John Street)
36 CORTLANDT STREET, NEW YORK

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Fourteen Houses of Stock Plants.

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Ageratum "Stella Gurney,"

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Cut down your expenses by sending $5.00 for our Florists' Manual and study profitable methods.

THE RETAIL FLORIST.....

Inferior Plants.

This is the time of the year when many growers make mistakes by preserving inferior or utterly useless varieties of plants. It is often a matter of surprise how rubbish can accumulate. Instead of allowing the frost to wipe out poor kinds of bedding plants they are taken up and allowed to occupy what should be valuable space, propagated, and, when spring comes round, you hate to throw the stock away and yet cannot sell it at a profit. Small growers who do a local plant trade and, for that matter, all growers, should try to rid their greenhouses of the stock generally classed as "Trash." By doing so they render themselves and floriculture a service.

The flooding of the market in springtime with worthless cannas does very serious harm to the canna trade. We often meet even practical gardeners who purchased boxes of seedling or old sorts of cannas at auction rooms or cheaply from advertisers, with the result that not only have they been disappointing but the stock will be preserved and propagated. There are too many rubbishy cannas in cultivation. It seems strange that reputable houses and superintendents of parks, etc., should continue to cultivate and further disseminate varieties like and inferior to the old Ehemanni, especially when there are so very many grand sorts so plentifully in existence. Better leave them out and let the winter deal with them or give them to some charitable institution.

Small growers can ill afford to have even a small portion of their houses occupied with useless stock. Don't propagate a thing unthinkingly or for the sole purpose of filling up space. Keep posted on what is best in all classes of plants and make a strong effort to eradicate the bad. There is more harm done now to next season's plant trade by lifting "rubbish" than is generally known. Many florists have supersensitive natures and cannot stand to see the frost kill anything they planted out. Others there are who will grow a thing because it is green in winter, and still others who imagine they cannot afford to lose even a coleus. Most plantsmen dislike to see any portion of a greenhouse empty, and as we have mentioned previously, the propagating craze of others is responsible for much of the harm that is being annually done to the soft wooded plant trade.

Give the good things a better show, and stop growing trash.

Chrysanthemums.

We are now facing the floodtide of chrysanthemums, and perhaps the great majority of florists of all classes are wishing it was all over. There is much to consider for and against the chrysanthemum, but after all is said the fair-minded must admit that it is a very valuable flower. We must not despise a flower because it is perhaps too plentiful; we should recognize its value in adaptability. Failures are often traceable to persons themselves and not the material.

These occasional floods of seasonable flowers are not so injurious as some imagine, for although at such times quantity may not return a commensurate financial recompense to the producer, still they not only make it possible for poor people to enjoy the to them great luxury of a few flowers but they render it possible for every florist to make more money and give a more general grade of satisfaction to his customers. There are a few florists who would like to see the market short at all times. These few cater to the class of trade that consider flowers almost in the light of a necessity and price is second to quality; but that class of trade is small, and we are sorry to say it is yearly becoming smaller—very much smaller.

The vast majority of flower buyers, in fact, all, at times, are induced to spend money on flowers by a desire to extract praise from or create impressions upon the minds of their friends—yes, and their foes—and in doing this profusion and impressiveness is sought. They demand something big and showy, and unless you can supply them they are inclined to spend the money in other ways, and this is where there is value in the chrysanthemums. There are more beautiful flowers, of course, but none that can produce the same effect at the same cost. This is where you are enabled to satisfy the stingy element, and most of you know that is not always an easy task, and it gratifies to be occasionally able to do it.

There is a tendency among a very valuable class of flower buyers to ignore chrysanthemums altogether. These people hate them in a way and never want them in their homes. This feeling was so strong a few years ago that one or two of the most prominent retailers in the country displayed none of these flowers in their stores. There is considerable antipathy toward this flower at the present time, and it is not wise to use it in everything or force it upon those who don't want it. The days of preposterously high prices for chrysanthemums are gone, or are fast going. No lover of flowers could hesitate in choosing between a dozen fine American Beauties and a dozen large "mums," unless intended for a special use, and yet a higher price is not infrequently asked for the latter.

Undesirable Colors.

There is no doubt but that the very highest grade of work can be made from chrysanthemums, but when equally as fine flowers as you employ are hawked about by peddlers your work loses value, because of that lack of appreciation which the superabundance or cheapness of the material used creates. Then again much of the trouble connected with these flowers arises from the fact that there are many undesirable colors and kinds on the market. Each year sees new varieties, heralded with shouts of praise, and no matter the colors, they are offered for sale on the cut flower market as soon as possible. Many people don't know that unless in exceptional cases it is impossible to satisfactorily use many of the colors seen, and that is one great reason why many don't sell. It would be wrong to argue against variety, but it is right to measure variety according to its worth. The time has come when almost everyone judges a flower by its value on the cut flower market, and though this may be a lamentable verdict in many cases it is decisive enough to be final.

The most valuable of the chrysanthemums are, of course, the white ones, and efforts should be made to prolong the season for this color, for inasmuch as funeral work possibly constitutes almost one-fourth of the florist's trade in the United States, any flower useful in that branch of the trade is of necessity of vast importance and should be considered with due regard. It often occurs that there is a scarcity of white flowers in December, and that is the time one should aim to provide for.

There may be lots of pleasure in having a house full of glorious blooms and colors, but there is more money in having the very earliest and a continuous succession of the most desirable for your class of trade, remembering that though, too, there may be lots of glory about large blooms there is also lots of beauty about small ones. We see too few of the Anemone and Pompon types, and they who have the future of the chrysanthemum at heart should see to it that these beautiful forms get the recognition that is due them.

When the market becomes glutted with any class of flowers it becomes a duty for retailers to help relieve the situation as much as possible, and if you cannot push sales there can be no harm in trying to. There are innumerable orders where a few mums can be worked in without any chance of there being any disapproval, and these opportunities should be taken advantage of. We know it is in the power of any successful retailer

to induce his customer to use roses in preference to mums, most often on the argument that such and such is common or not correct. Great errors are often made in this way, and much harm is done to the "Queen of Autumn."

Displaying Cut Flowers.

It is not always possible to have everything correct in the store, but it is not seen or known how much harm is done by having your stock of cut flowers displayed at a disadvantage. For the next few weeks the majority of florists' windows and stores will be piled with chrysanthemums arranged without regard to harmony of color—magentas, pinks, crimsons, bronzes, yellows and whites will be packed together, each making the other hideous and driving away rather than drawing attention.

Whilst it may be necessary or desirable for many florists to display their entire stock of flowers, a jumbled, compact, indiscriminate arrangement only repels those who love the beautiful. Use the best part of your eye when fixing up your window, and if it be necessary for you to use many colors put them where they will not injure each other. One large vase of blooms of one color is always more attractive than a lot of small vases, and this also applies to all decorative work.

Decorations.

In large decorations you destroy effect by scattering your flowers. You can spread out your greenery sometimes, but if you cluster your flowers they show off much better. By clusters we don't mean to tie a bunch of flowers by the neck as you would garden truck, but arrange them in graceful bunches. We have often seen wedding decorations where mums have been stuck singly among greens, making it appear like an artificial bank of impossible flowers.

It may be advisable to completely cover some forms of canopies with mums, but it is not the best style of art; better to use very large vases on pedestals, or the cluster bunch. The "Bell," the "Lovers' Knot," "Horseshoe" or "Wreath" may still be used by advice of the florist or the traditions of the race, but they cannot be compared with the higher art of arrangement.

IVERA.

A FLORAL FESTIVAL.

Cleveland has recently been celebrating the fact that she is now the seventh city in the United States, and the metropolis of Ohio, having passed Cincinnati by some 50,000.

The scope of the celebration was elaborate, embracing "a home week" of carnival, electrical displays and illuminations and closing with what was called a "Floral Festival and Promenade Concert." This was held in the new Rose Building, one of the finest buildings in the city, recently erected at the corner of Erie and Prospect streets. The decoration of this "floral festival" was intrusted to Mrs. Ella G. Wilson, who designed, planned and executed the contract for the work.



Grape Arbor at the Cleveland Floral Festival.

The basis of the design consisted of forty-two arches of twenty-five-foot span. These were covered with laurel entwined and draped with wild smilax. One of the features consisted of an avenue of palms, another of an avenue of laurel, and again the avenue of American Beauties was a favorite spot with the ladies—500 American Beauties were used in this feature. The grape arbor was a pretty feature, with its hanging grapes, and Matrimonial corner, decorated with matrimony vine, was a decided feature. The old-fashioned garden with its old-fashioned flowers and new-fashioned cannas, was a pleasing departure. Carnation corner was decorated entirely in carnations and was popular with the men.

The local press was most complimentary. It was not intended in any sense to be a flower show, only a decorated hall, with floral features. The material used included 2,200 yards of laurel wreathing, 18 cases of southern smilax, asparagus and smilax, some 20 loads of plants, 500 Beauties, 5,000 roses, 5,000 carnations, dahlias and garden flowers of all sorts. It was the largest single decoration ever attempted by any florist in the city, and considering the limited time in which it was executed—one week—was most meritorious. All of the members of the Business Men's League, under whose auspices the floral festival was held, expressed themselves as more than satisfied. It was liberally advertised and well patronized.

W.

BULB AND PLANT IMPORTS.

Editor Florists' Review: In your number of October 11 you have an article from your Philadelphia correspondent about delay of bulb imports in which he says: "A great deal of annoyance has been experienced this fall by those local firms whose imports came through the New York custom house. The general appraisers of that city suspect undervaluation and the delays in consequence of their investigations have been serious. It seems that all our importers do not use the Hamburg-American line of steamers, sailing between this port and Hamburg. It is much more satisfactory."

What does your correspondent mean? Does he really mean to say that the Hamburg-American line has some mysterious pull with the custom house and that the officials of the New York custom house are making trouble for those who do not ship by that particular line?

I am an importer, and must say in favor of these much-abused officials that while in the beginning I have had my troubles with the new custom house regulations, as has everybody else, I am always treated with the utmost courtesy and politeness by the officials of the New York custom house, and since we had the meeting called together by Mr. Wakeman the appraiser of the port of New York on January 9, where every one expressed his opinion, I have had no trouble at all and have not heard of serious trouble from others. From every shipment only one case is sent up to public store for examination, and in a few days released. Even in cases I heard of where on account of difference in the invoice the technical charge of undervaluation was made, the case was released as soon as the proper bond, as required by law, was given. But most of the delay to local firms who import arises from ignorance of the customs regulations, and when it comes to the point they have only themselves to blame for it.

If your correspondent thinks these delays can be avoided by shipping by the Hamburg-American line to Philadelphia he must be in total ignorance of transportation and geographical circumstances



Decorations for the Cleveland Floral Festival.

in Holland and Germany. Bulbs from Holland are shipped by Holland-American line, as follows: Several canal steamers in Holland sail daily through the canals and rivers between Amsterdam, Haarlem and Rotterdam. The bulb growers bring their cases for shipment to one of these steamers, which sails daily to Rotterdam. In the busy time extra steamers are often used, which when loaded sail directly to Rotterdam, where they instead of discharging at their regular dock steam up to the dock of the Holland-American line and lay alongside the ocean steamer, and the cases are transferred without any delay from one steamer to another. When there are only a few cases of course the steamer discharges at its own dock and the cases are carted from one dock to the other, which always will be done if a few importers have their importations shipped by some other line, as there are seldom enough cases to send the steamer to the other steamer.

Now, suppose you want your goods shipped by Hamburg-American line. The first delay is in Rotterdam, where the cases have to be carted to some steamer between Rotterdam and Hamburg. Those steamers are in so far connected with the Hamburg-American line that they accept freight, but they belong to different companies, so that the departure is not regulated by the departure from the Hamburg-American steamer, so that without taking into consideration that the goods have to be carted again from one dock to the other they may lay for days in Hamburg waiting for the departure of the Philadelphia boat, which, as far as I know, is only a fortnightly service. Transportation by railroad is no better. Goods have to travel from Holland to Hamburg over a combination of lines, all belonging to different companies, and delay is sure to follow aside from expense.

In case anybody has reason to avoid the New York custom house or find it more convenient to make the custom house entry in a more near-by city, let him simply direct the shipper to have the goods come in bond to that place. All he has to do is to put the words on the consular invoice. For instance: "In bond to Philadelphia," or "In bond to Chicago." The goods will come the regular way from Holland by Holland-American line, from Belgium by Red Star line, etc. But it is always folly to transport plants or bulbs by some out of the way line to its destination, as the people who handle the goods do not know, or forget too often, that they are perishable goods.

I hope, Mr. Editor, that I have not taken too much of your space, but I think it is to the benefit of every importer to understand thoroughly that our goods must be expedited with all possible haste, and all delay is dangerous.

P. OUWERKERK.

CHRYSANTHEMUM SOCIETY.

The Chrysanthemum Society of America has appropriated $20, to be used for the purpose of purchasing a cup to be competed for and awarded under the joint auspices of the Chrysanthemum Society of America and the Horticultural Society of Chicago, for the best ten blooms of any variety of chrysanthemum. The judges appointed by President Herrington to pass upon the same are as follows: John N. May, Summit, N. J.; Patrick O'Mara, New York, N. Y., and E. Buettner, Park Ridge, Ill.

Complete committees as appointed by the president to examine and pass upon seedlings and sports at the various centers are herewith announced as follows:

Boston, Mass.—A. H. Fewkes, chairman, Horticultural Hall, Tremont street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Co., 119 West Twenty-third street; James W. Withers, A. Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; Geo. Stollery, E. Weinhoeber.

Cincinnati, O.—R. Witterstaetter, chairman, care Jabez Elliott Flower market (care janitor); James Allen, Albert Sunderbruch.

Remaining dates on which chrysanthemum seedlings and sports may be examined are as follows: October 27, November 3, 10, 17 and 24.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of $2, when possible, should be forwarded to the secretary not later than Tuesday of the week preceding examination.

EDWIN LONSDALE, Sec'y.
Wyndmoor, near Philadelphia, Pa.

MISCELLANEOUS SEASONABLE HINTS.

Frost held off in most of our northern states till the middle of October, giving you every chance to get in cuttings from outside and lift all tender plants.

Geraniums.

Geraniums that were potted as cuttings in September will now be all rooted and nothing benefits them more than a stand over on the bench. A small percentage is sure to be lost, and many of the larger leaves will be decayed. A move over and cleaning, and, above all, a little stirring of the surface, will help them wonderfully, and from that on you will have a thrifty little plant.

In the two weeks' trip I have just taken I have noticed a good many methods I entirely approve of, and a few that were very ungardener-like. Among the latter was thousands of Zonal geranium cuttings put into the sand so thickly that they would draw up thin and spindling and scarcely ever make a good bedding plant. If you don't start right you can't ever make a good plant.

Azaleas.

Azaleas have largely arrived, and what I have seen are in excellent shape. I trust you did not forget to soak the ball a few moments in a tub of water. This applies not only to azaleas, but to all plants that have crossed the ocean.

Azaleas would do finely in a cold-frame, with shade from bright sun for a few days after their arrival. A cool house is just as good, but till mums are cut we are very crowded.

Rhododendrons will do finely in a deep cold-frame or pit and a little frost does them no harm. The same with the Azalea mollis and deutzia, which must be kept cool till time to force.

The Azaleas we have summered over are decidedly better than those just imported, better budded and always force better. Varieties like Deutsche Perle and Simon Mardner, that are wanted for Christmas, need not go into the very cool house with the Easter lot, but can have a night temperature of 50 degrees when firing really begins. Temperature just now is the most unstable article, and ranges during the week anywhere from freezing to 80 degrees in the shade.

Hybrid Roses.

Hybrid roses are no longer forced in any large quantities, because American Beauty has knocked them out. Still, Brunners and others are grown for Easter. If they have been grown in pots or boxes during summer and have made a good growth they need now proper handling. Most likely you had them plunged. Now they should be removed from that and stood where they will dry out quickly after heavy rains. Don't dry them off suddenly. Give water occasionally till we get a good sharp frost; then they will quickly lose their leaves and can be laid on their sides in a frame with some leaves among the pots, where they need no covering till severe weather comes, and then boards are better than glass.

Roses that are established as summer grown stock is, will not hurt from severe freezing, but don't make that mistake with roses that have been lifted from the ground and potted in November. Last year we had a fine lot of American Beauties in 6-inch pots that had been lifted from a bench end of October. They were looking fine, with wood and eyes plump till New Year's, or just before time to bring them in to force, or rather start, when by carelessness they got nearly a zero night, and that settled two-thirds of them. No fall lifted rose wants to be subjected to such hard freezing.

Crimson Rambler.

I may as well say at the start that the Yellow Rambler is no earthly use, and after growing 50 fine plants we found it out. It is a trumpery fraud. I have several times asserted that dormant plants cut back and carefully started in the spring and grown all summer in pots were the most satisfactory, and if you have any such plants with good canes they should be gradually dried off, or rather ripened, and if started going about New Year's they will force with the greatest ease, be sure to flower profusely and are easily managed. It's true they have cost some labor, but the results will warrant it.

Now, after saying this I am going to admit that there is another method of forcing the Crimson Rambler. When four or five of the most successful growers in the country pursue with great success a different plan it is time to fall in with them. Strong field grown plants with well ripened canes, lifted about the second week of November, will make with good management splendid specimens for next Easter. The most critical time is the first ten days after lifting. If lifted in a nursery, and carelessly handled, shipped by freight some distance, and then you allow them to lay around another week, they would be about useless. If bought have them lifted and shipped by express to you as quickly as possible. Do no cutting or trimming, but pot firmly as soon as you can and after one good soaking keep them syringed three or four times a day. The place to stand them is a cool, close, shady house or shed. After ten days the syringing can be dispensed with and more light given them and the coolest house you have; a little frost will not hurt, but will not do any good.

Nothing like forcing must be done till end of December, and then it must be a gradual increase. On this point I will say that from the day you begin to start them growing till blooming time take at least twelve weeks. Now, the fine plants that some see and others read about that are 7 feet high and 4 feet through and sell for $25 each, are grown from November lifted plants, so the method is all right, only be very careful for the first two weeks after lifting.

Hydrangeas.

Hydrangeas are an important Easter plant. For this purpose they are usually grown in pots during summer. Don't be afraid of a few degrees of frost. It ripens the wood and fits them for forcing, but the bud must not be injured. When they must come in a few days under a light bench does not hurt them. For plants that are wanted later a greenhouse that is kept at 50 or even 45 degrees at night is too warm; they get started, and then must be grown on. A deep frame where very little, if any, frost penetrates is a much better place for them.

Hydrangeas in tubs, and even planted out, are a great ornament in some of the larger cities where the climate will allow. Those planted out at Newport, and which make such a magnificent sight, are, I believe, laid down and covered during winter with earth and litter. Those in tubs must be kept in a cool cellar and put out of doors after danger of hard freezing.

You cannot give a Hydrangea Otaksa a day in the greenhouse and expect it to be at all satisfactory for summer use. A cellar will do, but I saw at F. R. Pierson Co.'s fine Scarborough place a plan that I liked very much. A pit was dug at least four feet deep in the ground and about six feet wide, and any length you like. The large tubs of Hydrangeas were being placed in that and later this pit would be covered with boards. No frost to hurt these plants would get at them, and it is altogether better than a cellar.

I have mentioned these large Hydrangeas because I feel sure there is a growing taste for them and they are going to be an important item with us.

WILLIAM SCOTT.

THE FINLEY LAWN RAKE.

We recently had an opportunity to see this rotary lawn rake in operation and to operate it personally, and must confess we were surprised to see how effective its work was. Following the lawn mower it picked up the grass clippings as clean as a whistle. We hardly expected to see so much better work than a hand rake would do, and discovered that this was evidently due to the broad bands of metal in which the teeth are set and which act in the same way as a fanning mill, with the result that blades of grass



Avenue of American Beauties at the Cleveland Floral Festival.

too small to be caught by an ordinary rake are drawn up and blown into the receiver. The rotary action, by the way, is the reverse of that of the lawn mower, the clippings being picked up in front and blown back over the top of the turning rakes.

The owner of the machine we were experimenting with recklessly threw small stones, bones and other similar missiles in the way of the rake, and they disappeared into the receiver as rapidly as the grass, though hardly as noiselessly.

The rake in question was supplied with a large duck cloth receiver on a wire frame, to be used in place of the ordinary sheet iron one when raking leaves, holding about three times as much as the latter, and we tried it on a leafy stretch of lawn with most gratifying results. The duck cloth receiver is a decided improvement, as it is surprising what a bulk the leaves on a small surface of lawn make when gathered together.

But, to our mind, this rake will be most valuable in fighting crab grass and similar objectionable grasses and weeds in the lawn. The teeth pull these pests up so that a second trip with the lawn mower enables you to cut them off close to the ground. And if this treatment is followed up it surely ought to get the best of them.

The price of this rake ($12) seems rather high, but it is well made of good material and probably could not be profitably sold for less. It is certainly fully worth the price to any one with a good-sized lawn, and will no doubt soon become as much of a necessity as the lawn mower to all who enjoy the beauty of a fine lawn.

THE COMPOST HEAP.

To many florists the matter of having good soil for potting and bench purposes presents no difficulty, but a large number are not so favored and are often at a loss where to get a supply of the right thing, being where we can obtain nothing but a sandy soil or sod and need a heavier compost and have nothing but the other extreme, a harsh clay. This latter is much improved before mixing by being spread out and fully exposed to the winter's frosts. An addition of old mortar lime greatly improves it also.

Cow manure gathered from well-fed animals and mixed with one-third soil and frequently turned during the winter gets just right to mulch with or mix with the compost at planting time, and if under shelter, so much the better.

Good leaf mould is used for many plants, and it would pay to take advantage of piling up a supply of leaves each fall instead of seeing them burned, as we often do.

There is always a danger in using fresh manure mixed with newly dug sod and soil very late in the spring. If we escape the larvæ of insects we may have plenty of fungus as well as too much rankness in stock planted and frequently watered in too fresh manures. What we want to approach is a soil rich, friable and sweet without any larvæ, fungoids or undue manurial properties to promote rankness at the expense of the after crop.

In the matter of artificial fertilizers, good bone meal is valuable to the florist for most plants, whether mixed with the soil or used as a top dressing, and should not be used indiscriminately mixed with lime or wood ashes, as these set free too soon its properties, though they are themselves valuable as manures.

Nitrate of soda and other agencies, as carbonate of ammonia, sulphate of ammonia, etc., need time and experience in handling, and are best left alone by those who are unfamiliar with them.

JOS. REEVE.

PHILADELPHIA.

Business Conditions.

Business continues to improve, both in cut flowers and plants; growers, retailers and wholesalers are all very busy and hopeful.

The improvement in the quality of cut flowers has been marked. The bright, sunny days and cool nights have had their effect; roses are firmer and better colored, carnations are larger. Violets, real violets, with fragrance and deep color have appeared, and a general assortment headed by chrysanthemums, have a livelier and more attractive air than a week ago. Prices have advanced a trifle. Good Beauties bring $2.50 and are worth it. Brides and Maids, $4, with a general stiffening all along the line.

Plants are moving well. There is still much shipping of stock out of town besides the home trade which has set in in earnest.

Marketing Stock.

Now a paragraph in answer to those who say we are sleepy because some of our best stock is carried by the growers direct to the retailers and not sold through wholesalers as in New York, or in a market as in Boston.

Have you ever considered the different conditions in the three cities, gentlemen? New York is largely supplied with cut flowers by growers who are too distant from the business center to deliver their stock in person, therefore the medium of an express company and a wholesaler is a necessity. Boston is largely supplied with cut flowers by small growers who find their combined stock attracts buyers and keeps up prices which singly they could not do.

Philadelphia presents some of the conditions found in both the other cities. Her distant growers, as in New York, rely on the express company and on the wholesaler. The nearby growers, as in Boston, come to town. With this difference: Her nearby growers are chiefly men with large places, whose regular cut throughout the season is practically engaged in advance. The cost of selling their stuff is not equal to the commission asked by a wholesaler so it certainly is not worth while for these growers to consign their product as in New York. As the stock is practically all sold it is hardly worth while for these growers to go to a market as in Boston, for the grower who goes to a market has to de-

liver his stock when required and he is generally required to deliver it. Of course there are some small growers here who waste a lot of time in fruitless efforts to sell their stuff, but this evil will remedy itself for such growers will in time either consign their flowers or find some regular outlet for them.

No, it is doubtful if Philadelphia will require a cut flower market for some time yet. The growers must be driven further from town, the stores be more scattered, or we must suffer more from overproduction.

A long paragraph, gentlemen, but don't you deserve it? Can you call a city sleepy whose Beauties sweep Madison Square Garden and whose roses are seen daily in Boston and in many other cities? Won't the growers whose enterprise has made Philadelphia roses famous give us a market as soon as one is needed?

PHIL.

CATTLEYA LABIATA.

We mail you under separate cover two photos of Cattleya labiata, which are quite remarkable. One is a spray of six blooms. We have not been able to secure so large a number from a single sheath heretofore, and do not remember of reading that so large a spray had been produced elsewhere.

The other, a single plant of remarkable size, which we received direct from South America a year ago last August, at which time it had about 72 pseudo-bulbs. It made a few weak growths and small flowers last season, but this year has been a revelation, producing 16 sheaths with 49 flowers. The photo shows but one-half of the plant, there being nearly as many flowers on the other side. At the time the photo was taken it had 41 fully developed blooms. As shown in the photo, this plant is two by three feet in diameter.

NATHAN SMITH & SON.

Adrian, Mich.

[The plant is certainly a grand one, and we present herewith engravings from both photographs. Cattleya labiata is undoubtedly one of the very best orchids for growing for cut flowers in a commercial way, but such a specimen as that illustrated is not seen every day. We congratulate Messrs. Smith & Son on their success with orchids.—Ed.]



Six-flowered Spray of Cattleya labiata, the flowers being exceptionally high colored. Grown by N. Smith & Son, Adrian, Mich.

BUFFALO.

I have not had the pleasure of giving you any news notes for some time, and hardly know where I am at. Our Main St. windows are now very handsome. Adams, Rebstock, Anderson and W. J. Palmer & Son are all showing orchids. I am afraid if there is too much Labiata displayed in fantastic forms that it will get common and be snubbed. I will say without the slightest bias for home products that I did not see as fine a window in any city as that daily shown by our W. J. Palmer & Son. I took a look at it yesterday and some ladies from the country were also admiring it. "What's that purple flower, ma?" "That's what they calls a orchid, Sarah," with the accent on the "chid."

Chrysanthemums are making a fine show. Yellow Monarch, Bergman, Glory of the Pacific and a few of the beautiful Polly Rose.

It was very pleasant to hear almost all classes of florists say that business was much better than last year, and I am pretty sure all our home men would say the same.

A call at Mr. Billy Kasting's busy place found the great bowler busy moving his office to the rear of his long store. This is where it ought to be. Roses were plentiful and fine. Violets coming in as fast as the demand, which has hardly begun, and chrysanthemums were in sufficient supply. The one flower in great demand and scarce was the universal favorite the carnation. It seems to me that the new pinks, Crocker, Marquis and Lawson, make the other varieties look so small that everybody will want the big ones, but they can't have them unless they pay about double the price of Scott and Daybreak.

I could not tell you much about visitors of late, but I know there have been several learned and scientific men visiting Buffalo, among them Mr. Killen, of New York, Mr. Skidelsky, of Philadelphia, and Mr. Malloy, of Rochester. Am sorry to have missed anyone, but no regrets about one gentleman whose name my son could not fathom. He says: "If you sneeze three times and then say 'sky' it comes near his name."

I regret I have no time to report progress on the Pan-American, but will get up a good report for your next. I can only say that since the coloring is going on the buildings it is beautiful beyond conception. W. S.

ST. LOUIS.

The Market.

After a week of cool weather it suddenly turned warm again, and this overstocked the market with roses, and only the choicest stock brings top prices. Saturday, good, first-class stock went begging at $10 per 1,000, and some sold even cheaper. Such is the condition of our market just at present. Some extra fine Liberties were seen which brought $4. Brides, Kaiserins, Maids, Carnots, and Golden Gates are coming in fine, with prices as stated above. Beauties are in the same lines and more are coming in than ever before, $2 to $2.50 per dozen for the best, while short stems rate about the same as other roses.

Carnations, too, are coming in fine but not overplentiful. Some of the new varieties, such as Ethel Crocker and Genevieve Lord, bring top prices—$2. Flora Hill is the best white just now. Others like Scott, Daybreak and McGowan, bring $1 per 100. These are coming better each day and will no doubt be more plentiful this week.

Some very good home-grown Berg-

man, Glory of Pacific and Lady Fitzwygram were seen at $1.50 per dozen. Other varieties are a little late. Stock is small yet, but by the end of the present week they will be quite plentiful, especially if this warm weather keeps up.

Cosmos has been plentiful at 25 cents per 100. Violets are better and sell well; the supply is small. Valley is coming fine and good stock always brings $4 in this market. Smilax is firm and coming in better—price still $12.50 for the best.



Single Plant of Cattleya Labiata with over 100 pseudo-bulbs and 41 fully developed blooms, grown by N. Smith & Son, Adrian, Mich.

Various Items.

Invitations are out for the eleventh annual banquet to gardeners, florists and nursery men, as provided for in the will of Henry Shaw. The banquet will be given at the Mercantile Club, November 3 at 7 p. m.

Henry Johan, of Collinsville, Ill., spent a day with us last week. Henry left his application for membership in the Florists' Club.

Joe Dickman, one of our leading seedsmen, was nominated for sheriff on the Democratic ticket. Joe is well liked among the trade and will receive the support of the craft regardless of politics.

The exhibition committee met last Friday at Weber's and worked on the programme, which is now in the hands of the printers and will be out by November 1. This year our programme will be handsomer than ever. The special prizes are large and are from the best people in the city, and we expect to have the best and most successful show in years. Nothing will be omitted that can in any way aid toward success. Extra copies of the programme will be sent to any one upon application to J. J. Beneke, 1222 Olive street.

The Bowling Club is in receipt of a letter from George Asmus, secretary of the Chicago Florists' Bowling Club, inviting the boys up to Chicago during their chrysanthemum show to play a match game of tenpins. I don't think this can be accomplished, as our club is on its last legs. Interest in the club has died out, and only two and never more than four come down on Monday nights, and what hurts us more is that Chicago stole our star bowler (his Detroit record shows this) and would, no doubt, roll him against us. By this the Chicago boys will see that we will be unable to be with them next month. So pass us up for the present; until more interest is taken in the club. J. J. B.

CHICAGO.

The Market.

The market had something of a relapse from last week, but there are already evidences of a recovery in spite of untoward conditions. We still lack a killing frost, and the weather is still far from cold. The poorer grades of roses seem to have suffered most, and at times even good ones couldn't be moved satisfactorily.

In chrysanthemums the skirmishers have during the week been followed by whole regiments, and marching into a weak market some of the slow steppers fell through the crust into the waste barrel. Some very fine blooms are seen and prices hold up very well on these, but the poorer grades have weakened materially. Robinsons are now coming in freely and Bonnaffons are expected next week.

Shipping trade holds up very well, but local demand is far below what it should be at this season. Last week it seemed as though trade had caught on for the regular winter business, but there must have been a greasy spot under the place it caught on. Some think that seasonable weather is all that is needed to give the necessary stimulus, while others hold that a fair start will not be made until after election.

Prices have not changed to any extent on shipping grades, though a better quality of roses can be had for $4, and only extra fancy stock will command $5. First class carnations hold up to last week's figures, but poor stock suffers.

Club Meeting.

At the last meeting of the Florists' Club the annual election resulted as follows: Andrew McAdams, president; George Woodward, vice president; C. A. Hunt, recording secretary; E. F. Winterson, financial secretary; Edgar Sanders, treasurer; E. Wienhoeber, G. L. Grant, John Reardon, W. N. Rudd, and John Degnan, trustees.

Action was taken looking to the changing of the meeting night from Friday to Tuesday.

The following new members were elected: W. G. Retzer, C. Nielson, Paul Retzer, Frank Wieners.

The paper on violets, by Mr. Ernest Weber, was brief but interesting. Referring to the violet disease he recommended to keep all spotted leaves religiously picked off the plants and to keep it up even if it did result in making the plants very small. His experience was that such plants would do good work later on if they survived, and if the diseased leaves were not picked off the plants would die anyway. The deferred paper by J. S. Wilson on the Boston fern was included in the program of the next meeting, which will be held Friday, November 2.

Arrangements were made regarding the distribution of free tickets to the chrysanthemum show, and such tickets will be issued to all members whose dues are paid up to November 1.

The treasurer's report showed receipts during the year of $272.86, and disburse-

ments of $240.78, leaving a balance of $32.08 on hand. But the receipts at this meeting amounted to $42, with more to hear from. A copy of the Convention Souvenir Book was received from the New York Florists' Club, and the secretary was instructed to acknowledge its receipt with thanks.

The banquet committee reported progress, and the evening of Thursday, November 8, was selected as the date.

The Auction Sale.

Wednesday, the first day of the big auction sale of palms, etc., at McKellar & Winterson's, panned out even better than anticipated. The immense amount of stock already carted to the store room was cleaned out at very fair prices in the morning, the sales aggregating nearly $2,000. As a result there was no sale in the afternoon, the time being employed in carting in new stock for Thursday's sale. The sale will continue all day Thursday, or until the entire lot is disposed of.

The success of this sale and the fact that by employing extra help it did not interfere in any way with their other business has decided McKellar & Winterson to continue in the plant auction business, holding sales at stated intervals during the season or as occasion demands. So Chicago will now have its plant auction house as well as New York and Boston.

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Flint Kennicott, president of Kennicott Bros. Co., has moved back to the city for the winter, and is now located at 5607 Washington avenue.

Mr. E. E. Pieser, of the same firm, has been confined to his home by illness for several days past fighting a combination of grippe and tonsilitis.

McKellar & Winterson have received several shipments of bouquet green lately, and the quality has been unusually good. The green season seems to have opened in good shape.

Adolph H. Poehlmann has his city salesroom at 55 and 57 Wabash avenue fitted up and ready for business, with C. S. Stewart in charge. The cool room is 12x12, and has all the latest improvements.

In a broken column, noted at Wittbold's, the column was formed of white carnations interspersed with white cosmos, and the effect was good. The broken top was of violets, while in the base cycas leaves of varying sizes were used at one side and chrysanthemums on the other, while croton leaves were effectively placed in various positions. The garland was of roses and asparagus.

Bowling.

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A letter was received from the Milwaukee bowlers intimating that they would like to play the local team a match during the coming flower show, and the president and secretary were instructed to arrange for a match to take in as many teams as could be secured from outside points during the exhibition.

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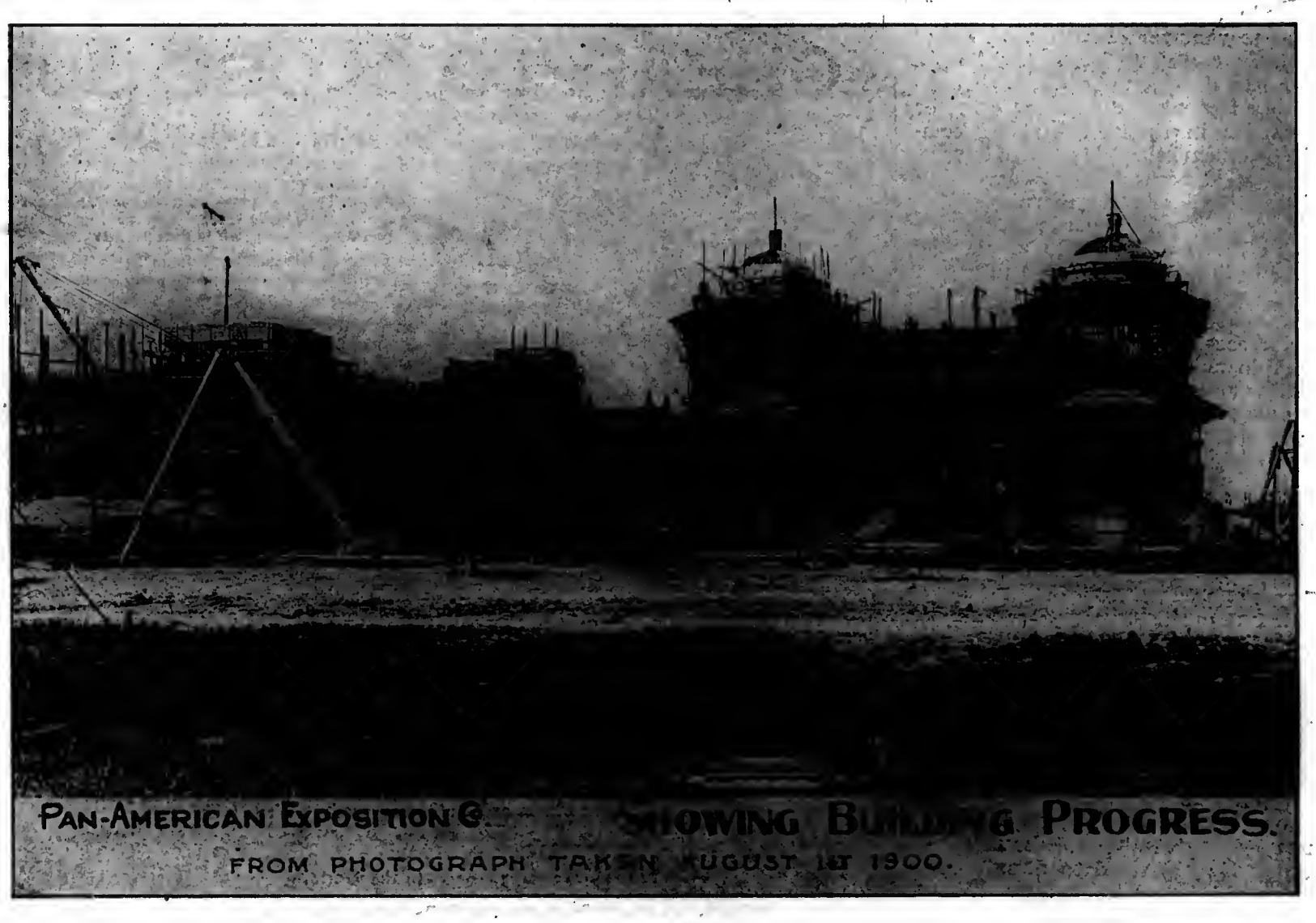
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J. I. D.

BOSTON.

Trade Conditions.

Half-past October and chrysanthemum time! White ones are about as



plentiful as they ever get and prices on that color have gracefully slid down as low as they ever do. Other colors are not so numerous. The presence of the family, of course, crowds upon other kinds of blossoms, cutting down the price of carnations a little and affecting the rose market still more. Buyers can surely expect to get good usage so long as this almost summer weather continues. But of course no one knows when a cold wave will slam against us like a barn door in a gale, nor exactly what effect it will have. But what we need seems to be more customers.

City retail trade is decidedly quiet, but of course much is being done. All of last spring's stores are open and two new ones are on the list, Jas. H. Delay having opened one on upper Washington street and N. Fishelson graduating from a stand on the street to a nice little store near by at 18 Huntington avenue.

Various Items.

J. Butterfield wonders if it also means "If thine enemy taken away thy fern, give him thy palm also." And will the palm of the hand do just as well?

If E. M. Wood can only manage to get a vote of the S. A. F. counted upon his present nomination to congress, what a comfortable majority would roll up. The same thing may also happen without the aid of his many floral friends, however.

If you have a potted La France rose bush for sale better let Wax Bros. know it.

The auction sales at McCarthy's are progressing unusually well this fall for both buyer and consigner. I was told there that the shipping trade in cut flowers was not what it ought to be, which I suspected, but must concede that their Liberty roses from Pearson's are all they ought to be. They have them with a fine twenty-four inch stem and a blossom like the finest Jacque and not much behind it in fragrance. His general stock in trade is also particularly good and he has a particularly fine team of men to handle it.

Wm. E. Cahill fills the position of traveling salesman for Thos. J. Grey.

In continuation of the "foolish, floral, farcical fancies" it might be added that "some wish to Roland are shaped like a Boll Orr Ring," that though "devoid of Rivers, Ponds and Brooks" we have plenty of Good Waters, and that the "Derringer" is often met by A. Spear. No one is afflicted with Bunyans, but one poor fellow is all Boyles.

The Co-operative Market.

In connection with the remarkably successful sale of stands at the co-operative market, the effect that this place has had upon the wholesale flower traffic of Boston and vicinity is worthy of more than passing note. From a perfect chaos it has evolved a perfect system, with four distinct branches. First, in point of lesser value of goods handled, are the growers who contract with some retail dealer, usually of Boston, to take the whole production throughout the season, the price being sometimes agreed upon beforehand and sometimes being guided by circumstances and frequently adjusted. Second, probably, comes those who go from store to store each morning or upon specified mornings, placing the goods to the best advantage for the day, and, whenever possible, booking future orders. Third, those that arrange with the different wholesalers to handle the crop, and, lastly, those who make a headquarters of the co-operative market. And it is by bringing so many of the growers and buyers together nearly every morning, day after day, that another great improvement has been made. By this simple method of getting acquainted a general feeling of jealousy and distrust, very noticeable only a few years ago, has largely disappeared. This existed between grower and grower, between grower and dealer, and between dealer and dealer, and has been equally reduced in each case. "Trade is a great leveler."

It would look as if the growers had all been benefited by this plan without exception, but that both the Boston wholesaler and retailer may have been slightly damaged because all salesmen are not obliged to make the round of the stores as formerly, while the suburban retailer within early morning reach has been vastly the most accommodated, because taken away from the ownership, almost, of three wholesalers and given the free run of the co-operative floor. The wholesalers have, of course, kept themselves whole by developing a ship-

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Trade Conditions.

Half-past October and chrysanthemum time! White ones are about as



plentiful as they ever get and prices on that color have gracefully slid down as low as they ever do. Other colors are not so numerous. The presence of the family, of course, crowds upon other kinds of blossoms, cutting down the price of carnations a little and affecting the rose market still more. Buyers can surely expect to get good usage so long as this almost summer weather continues. But of course no one knows when a cold wave will slam against us like a barn door in a gale, nor exactly what effect it will have. But what we need seems to be more customers.

City retail trade is decidedly quiet, but of course much is being done. All of last spring's stores are open and two new ones are on the list, Jas. H. Delay having opened one on upper Washington street and N. Fishelson graduating from a stand on the street to a nice little store near by at 18 Huntington avenue.

Various Items.

J. Butterfield wonders if it also means "If thine enemy taken away thy fern, give him thy palm also." And will the palm of the hand do just as well?

If E. M. Wood can only manage to get a vote of the S. A. F. counted upon his present nomination to congress, what a comfortable majority would roll up. The same thing may also happen without the aid of his many floral friends, however.

If you have a potted La France rose bush for sale better let Wax Bros. know it.

The auction sales at McCarthy's are progressing unusually well this fall for both buyer and consigner. I was told there that the shipping trade in cut flowers was not what it ought to be, which I suspected, but must concede that their Liberty roses from Pearson's are all they ought to be. They have them with a fine twenty-four inch stem and a blossom like the finest Jacque and not much behind it in fragrance. His general stock in trade is also particularly good and he has a particularly fine team of men to handle it.

Wm. E. Cahill fills the position of traveling salesman for Thos. J. Grey.

In continuation of the "foolish, floral, farcical fancies" it might be added that "some wish to Roland are shaped like a Boll Orr Ring," that though "devoid of Rivers, Ponds and Brooks" we have plenty of Good Waters, and that the "Derringer" is often met by A. Spear. No one is afflicted with Bunyans, but one poor fellow is all Boyles.

The Co-operative Market.

In connection with the remarkably successful sale of stands at the co-operative market, the effect that this place has had upon the wholesale flower traffic of Boston and vicinity is worthy of more than passing note. From a perfect chaos it has evolved a perfect system, with four distinct branches. First, in point of lesser value of goods handled, are the growers who contract with some retail dealer, usually of Boston, to take the whole production throughout the season, the price being sometimes agreed upon beforehand and sometimes being guided by circumstances and frequently adjusted. Second, probably, comes those who go from store to store each morning or upon specified mornings, placing the goods to the best advantage for the day, and, whenever possible, booking future orders. Third, those that arrange with the different wholesalers to handle the crop, and, lastly, those who make a headquarters of the co-operative market. And it is by bringing so many of the growers and buyers together nearly every morning, day after day, that another great improvement has been made. By this simple method of getting acquainted a general feeling of jealousy and distrust, very noticeable only a few years ago, has largely disappeared. This existed between grower and grower, between grower and dealer, and between dealer and dealer, and has been equally reduced in each case. "Trade is a great leveler."

It would look as if the growers had all been benefited by this plan without exception, but that both the Boston wholesaler and retailer may have been slightly damaged because all salesmen are not obliged to make the round of the stores as formerly, while the suburban retailer within early morning reach has been vastly the most accommodated, because taken away from the ownership, almost, of three wholesalers and given the free run of the co-operative floor. The wholesalers have, of course, kept themselves whole by developing a ship-

ping trade to retailers at too great a distance to visit the classic spook receptacle every morning, while the Boston retailer can depend upon the now comparatively few who go to them only, or arise earlier in the morning and compete in open market with smaller buyers.

And a word needs be said concerning this "arise earlier in the morning." The best hours for selling goods five years ago were between 7 and 10 a. m., but now begin earlier in the morning and do not last so long, but the chances for an occasional sale in the afternoon seem to be increased. This may be because retailers do not buy quite so bravely on speculation as formerly, preferring to make another trip to the city rather than run stronger risks in these days of rabid competition. J. S. MANTER.

MADISON, N. J.

The regular meeting of Morris County Gardeners and Florists was held in Masonic Hall on Wednesday last, Vice-President Totty presiding. Show details occupied most of the evening.

The loss sustained by brother florists in Galveston was also discussed and the club voted a sum of $50.00 as a first contribution, whilst committees were appointed to make additional collections either in cash or kind if any nearby florists should have surplus stock they desired to donate for the purpose. H.

FLOWER PARADES.

Flower parades have been held during the past summer in hundreds of cities and towns throughout the country, but in the great majority of cases the flowers used have been made of paper. Cannot the people be educated up to using 'the real thing?" It would appear that there is opportunity for missionary work on the part of the florists. Wouldn't results be most quickly brought about by the florists taking part in these parades, using natural flowers, which would make the contrast between the natural and artificial so marked as to demand attention?

SEQUOIA GIGANTEA.

The Department of Agriculture has issued a report on the big trees in California that brings out some new and interesting conclusions. It shows that the dimensions of the big trees are unequaled; that their age makes them the oldest living things. They are described by the report as the "grandest, largest, oldest and most majestically graceful of trees," and "the scarcest of known tree species, with the extreme scientific value of being the best living representatives of a former geologic age." The report says the bark of the big tree often is two feet thick and almost non-combustible. "The oldest specimens felled," it says, "are still sound at the heart and fungus is an enemy unknown to it. Yet the big trees apparently have not increased their range since the glacial epoch. They have only just managed to hold their own on the little strip of country where the climate is locally favorable."

The most recent investigations, according to the report, confirm the estimates that these giant trees probably live 5,000 years or more, though few of even the larger trees are more than half as old. The average rate of growth is estimated at one inch of diameter for every twelve years. The report also corroborates the statements of one authority who says that one tree, on which he counted 4,000 rings, was undoubtedly in its prime, "awaying in the Sierra winds when Christ walked on earth."

AMES, IA.—Prof. Pammel, of the Iowa State College, is preparing a complete collection of the flora of the state for presention to the Iowa State Horticultural Society.

CHEAP-TO CLOSE OUT



BOSTON FERNS The true variety, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Don't be afraid that our stock of Boston Ferns will run out. We have sold 75,000 the past six weeks, but still have 125,000 fine plants on hand. Better buy now as price is sure to advance.

Asparagus Sprengeri, from 2½-in. pots, strong plants, $2.50 per 100; $20.00 per 1000.

Acalypha Sanderi, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " from 3-in. pots, strong plants, $5.00 per 100.

Crotons, twelve best bedding varieties, from 2½-in. pots, elegant plants, $3 00 per 100; $25.00 per 1000. These will be fine to shift on for next year's bedding.

Ponderoso Lemon, largest lemon grown; bears fruit weighing two pounds and over. Is bound to become a popular plant. It fruits when quite small. Fine plants from 2½-in. pots, $1.00 per dozen, 7.00 per 100. Strong plants, ready to bloom at once, $1.50 per doz.

Calla Lilies, 1¼ to 1½-in. diam., 75 cents per dozen; $5.00 per 100.
" " 1½ to 1¾ " $1.25 " 7.00 "

The Two New Russelias, Lemoinei Multiflora and Lemoinei Elegantissima, 50 cents per dozen; $3.00 per 100.

Bougainvillea Sanderiana, from 2½-in. pots, $6.00 per 100.

Weeping Lantanas, 2½-in. pots, $2.00 per 100; $18.00 per 1000.

Otaheite Orange, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " " 3 " 4.50 " 40.00 "

Ficus Elastica, perfect specimens of this fine rubber plant, 15 to 18 inches high, $3.25 per dozen; $25.00 per 100.

Araucaria Excelsa, Norfolk Island Pine, fine plants, 4 tiers of leaves, $1.00 each; $10 per doz.

Roses. All the leading varieties of Teas from 4-in. pots, fine plants in perfect health, $8 per 100.
" All the leading varieties of Hybrid Teas, from 4-in. pots, elegant stock, $10 per 100.

Marechal Niel Roses, 15 inches and over in height, healthy plants, $4 per 100; $35 per 1000.

Send us your list of roses for quotation. Our Fall Trade List of all kinds of Rose Plants and Bulbs now ready. Write for it.

THE GOOD & REESE CO., The Largest Rose Growers in the World, **Springfield, Ohio.**

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

SITUATION WANTED—As foreman, by a first-class florist, well up in the florist business; single man. Address E. H., care Florists' Review.

SITUATION WANTED—A strong, willing young man, with some experience, wishes work with florist within 30 miles of Philadelphia. L. Weston, Torresdale, Philadelphia, Pa.

WANTED—A good cut flower worker, for large establishment; must have good references. Address P. O. Box 869, Pittsburg, Pa.

WANTED—Man who can grow nice stock of Brides and Maids; wages to start with, $30 per month and board; will pay more to efficient man. Address H. F., care Florists' Review.

WANTED—A young man with some experience in greenhouse work, state wages with board and room. Address M. I. O'Brien, Sharon, Pa.

FOR SALE—A 10-foot IXL Wind-Mill with 2¼-in. brass Gould pump; a 55-foot iron pipe triangle derrick; also three round cedar tanks of 1, 3 and 8 thousand gallons capacity. This outfit is in complete order and can be bought cheap. For particulars, address C. J. Benz, Conshohocken, Pa.

WANTED—Every buyer of plants to consult our classified advs. when in need of stock.

FOR RENT—On shares or cash, greenhouse plant in Iowa in full operation. For particulars address Iowa, care Florists' Review.

....NOTICE....

WANTED—The northern florists whom I dealt with to know that I have not asked for any money with which to start my business again. I had already started my business before any contributions had been received, without even having money. I am only accepting plants forwarded to my address where I am able to make up for them with later orders. Any cut flowers or blooming chrysanthemums sent to me for All Saint's Day will be highly appreciated.
Mrs. CHAS. EICKHOLT, 2319 Ave. M. Galveston, Tex.

PRIMROSE AND CYCLAMEN.

Primrose, latest improved large flowering, fine plants, 2¼-in., $1.50 per 100; 3-in. extra strong, $4.00 per 100. Cyclamen Giganteum, 3-in., $4.00 per 100. Cash please.
J. W. MILLER, HATTON, PA.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.
HITCHINGS & CO., 233 Mercer St., New York.

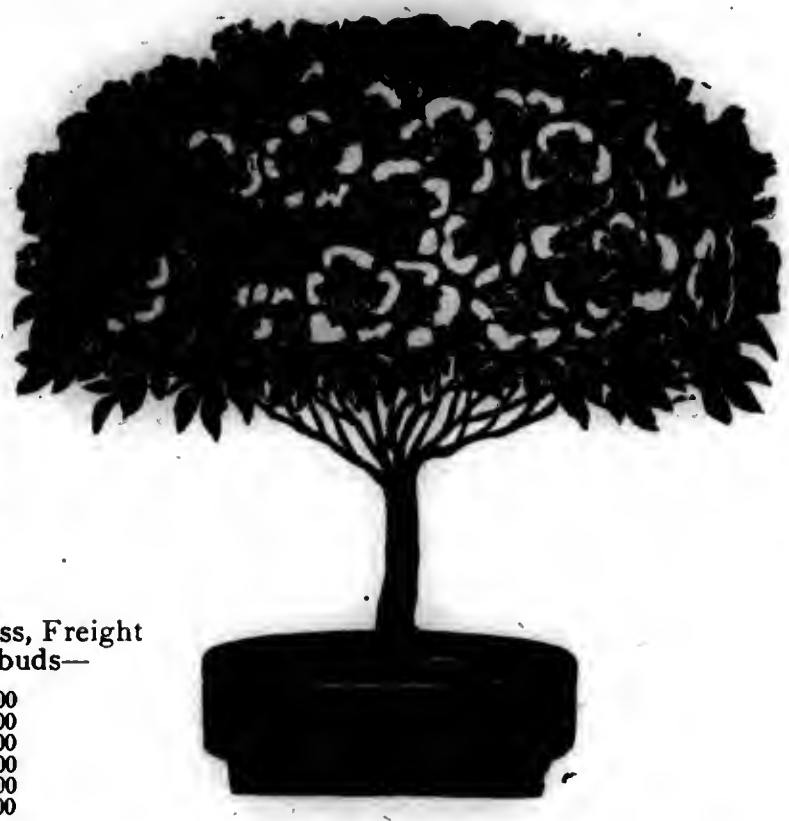
AZALEAS.

SPECIAL PRICES FOR IMMEDIATE ORDERS

If you have not yet placed your order for Azaleas it will be to your interest to do so at once, thereby securing the choice of the stock at lowest cost for transportation, **as the plants can now be forwarded with perfect safety by fast freight, even to the most distant points.**

All of our importations of Azaleas are sent here in bulk, and all are repacked at our own nurseries, so that any plants that may have not carried well are set aside. **This insures our customers of securing only first-class stock,** which cannot be compared with cheap assorted case lots, which are made up in Belgium and are distributed on this side just as received, frequently not only containing damaged plants, but also, as a rule, many varieties not at all suited to the American trade.

The varieties we supply are only the most popular sorts suited to the American market. **Our own representatives make personal inspection of the plants in Belgium previous to shipment, thus enabling us to secure the best stocks grown.**



....PRICES....

Include duty, packing and delivery in good condition to any Express, Freight or Steamship Line in Philadelphia. Fine bushy crowns, well set with buds—

10 to 12 inches in diameter	per doz.,	$ 4.50; per 100,	$ 35.00
12 to 14 " " "	"	6.00 "	45.00
14 to 16 " " "	"	7.50 "	55.00
16 to 18 " " "	"	12.00 "	90.00
18 to 20 " " "	"	25.00 "	200.00
20 to 24 " " "	"	36.00 "	300.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

GRAND RAPIDS, MICH.

Various Notes.

We have at last had a frost and in consequence trade is more steady, funeral work and a continuous shipping trade has kept the supply short. Carnations are in really short supply while roses are plentiful and violets are blooming too fast; their quality will be much improved as soon as cool weather sets in. Mums are very backward; there are plenty of Glory of Pacific, Bergman, Kalb and Fitzwygram, but the larger varieties are hardly fit to cut yet. Single stems in 6-inch pots will hardly be out in time to send to Chicago show, however, they are being hurried along as fast as possible.

Would it not be a good idea if the Chicago show were postponed a week? Grand Rapids expects to be well represented, about eight. Crabb & Hunter will put up a vase of Irene carnations. This variety keeps up its credit as to quality; it doesn't know how to burst; is very fragrant; a splendid keeper; good color and fine stem. Anyone interested in seedlings will do well to look for it at the show. The same firm will exhibit several seedlings of merit.

Henry Smith has just finished another carnation house, 174x20. He started it about three weeks ago and it is not only finished, except the piping, but it is all planted except one bench. Henry is a hustler.

Prices.

Carnations are 25 cents per dozen; American Beauties, $1.50 for medium to $2.50 for long stems—of the latter there are not many; other roses, 75 cents to $1; violets, 20 cents per dozen, with quality fair; mums, 50 cents to $1.50 are the present prices, the largest varieties when in will sell for 50 cents to $1 per dozen more. GEO. F. CRABB.

BEGONIA GLOIRE DE LORRAINE

Fine strong 2½-in. plants, for immediate delivery, $17.50 per 100; $175.00 per 1000.

Strong 3-in. stock, $4.00 per doz.; $30.00 per 100.

We control the largest and healthiest stock in this country.

THE COTTAGE GARDENS, QUEENS, L. I., N. Y.

Mention The Review when you write.

COLUMBUS, OHIO.

Various Items.

The weather continues warm and pleasant, with slight frosts.

The sessions of the Grand Commandery of Masons and Sir Knights, held in this city last week, made a very busy week for the florists. Never at any conclave were headquarters more beautifully decorated than those fitted up by the Holyrood Commandery at the Neil. Over $50,000 was represented in decorations in the form of emblematic shields, Bagdad draperies and oriental effects, surrounded by palms, ferns and evergreens which were furnished by E. L. Charles.

Mums are making their appearance, and some good stock is looked for. Mr. S. F. Stevens was the first in this city to cut mums. His roses also are in fine condition, and his prospects for a good crop are excellent.

Mr. Salter has decided to grow mostly carnations this year, and has just erected a new house for this purpose.

Affleck Bros. have planted their houses in roses for wholesale trade.

E. L. Charles is adding a new steam boiler to his plant.

Mr. Breece of West Berlin, O., was a visitor last week.

Ed Evans, son of Maurice Evans, has been ill for the past two weeks.

The Livingston Seed Company has erected a new house at the garden on Neil avenue. G. E. A.

SAN FRANCISCO.

The Market.

The first rains of the wet season are with us and the fields and hills are commencing to appear in their winter coat of green. The weather is splendid, and the Queen of Autumn is at her best. Yes, this weather we are having just suits chrysanthemums, and they are coming into market in large quantities. The blooms are cheaper this year than they were last year at this date. First-class Queen and Bonnaffon can be bought for 50 cents per dozen. The good quality of the outside blooms is the reason for the short prices on inside flowers.

Carnations are very fine and of large size. Blooms of the Lawson, Marquis and Olympia are coming in and were seen at a few stores this week, but for size H. Hobart is certainly ahead of anything in the San Francisco market so far. First-class roses are still scarce and violets are not very plentiful.

Prices: American Beauties, $1 to $2.50; Brides, Bridemaids and Kaiserins, 25 to 75 cents; Meteors, 20 to 75 cents; Liberty, 50 cents to $1.50; Cecil Brunners, 12½ cents per doz. Carnations—Hobart, $1; Crocker, 35 to 50 cents; Lawson, Marquis and Olympia, 50 cents; Bradt, 25 to 50 cents; mixed fancies, 50 cents; Hill, 20 to 25 cents; Scott, 15 to 25 cents; Portia, 12½ cents per doz. Chrysanthemums—Bonnaffon, 50 cents to $1.25; Queen, 50 cents; Viviand-Morel, 50 to 75 cents; Niveus, 20 to 35 cents; outside chrysanthemums, 5 to 25 cents per doz. Violets—Princess of Wales, $1 to $1.50; Marie Louise, $1 per dozen bunches. Smilax, 5 cents per string.

Notes.

Mr. Thomas Bennett, Alden, Oakland, had a nice lot of Viviand-Morel for which he received $1.50 per dozen. His carnations are in first-class shape, and he is now cutting some very fine Flora Hill.

Mr. John Jack is now head gardener at the Babcock place, San Rafael. The writer is very glad of Mr. Jack's luck.

Mr. Malcolm Lamond, of Mountain View cemetery, is on the sick list. Neuralgia is the trouble.

The Cox Seed and Plant Co.'s nurseries on Piedmont avenue, Oakland, was visited this week by the writer. Everything is in apple pie order. Araucarias by the thousands could be seen in various stages of growth. Palms in variety were well grown, also a very fine collection of fancy dahlias in pots showed some grand blooms. Mr. Vallance reports the busy season has just started with them.

Mr. C. Hasselbacher has planted a large house with Asparagus plumosus.

Mr. T. Stevenson, the London florist, is cutting a fine lot of Viviand-Morel from outside. Mr. Stevenson has 6 acres at Millwood planted with chrysanthemums and violets. He uses a horse in cultivating them. The chrysanthemums are so tall that while cultivating them man and horse are hidden from view. A mule will be used next year so his ears can be seen above the blooms.

J. N.

WEILAND -AND- RISCH

WE SOLICIT A TRIAL ORDER....

GROWERS and SHIPPERS,

59 WABASH AVE. CHICAGO.

ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

American Beauty,	Per dozen.
36-in. stems	$3.00
30 "	2.50
24 "	2.00
20 "	1.50
15 "	1.25
12 "	1.00
short stems	.75
Carnations	per 100, $1 to 1.25
" Fancy	" $1.50 to 2.00
Violets	per 100, 75c to 1.00
Valley	per 100, 4.00
Cattleyas	per doz., 6.00

ROSES.	Per 100
Liberty	$3.00 to $5.00
Golden Gate	4.00 to 6.00
Brides, Maids	3.00 to 5.00
Meteors	3.00 to 5.00
Kaiserin	4.00 to 6.00
Perles	3.00 to 4.00
Seconds	2.00
Ferns, per 1000, $1.50	.20
Asparagus	per string, .50
Smilax	per doz., $1.25 to 1.50
Chrysanthemums "	1.50 to 3.00
Adiantum	per 100, .75

Wild Smilax, Parlor brand, per case, $3.25; medium, $4.25; large, $5.50

WE GROW ALL OUR OWN FLOWERS AND GUARANTEE THEIR FRESHNESS.

WHOLESALE FLORISTS

Mention The Review when you write.

BENTHEY & CO., F. F. BENTHEY, Mgr.

WHOLESALE and COMMISSION FLORISTS,

Consignments Solicited. 41 Randolph St., CHICAGO.

CHRYSANTHEMUMS, 1st Quality, $18 to $25 per 100; 2ds, $10 to $15.00 per 100.

ROSES.

A. Beauties, long	per doz.,	$2.00 to $3.00
" medium	"	1.00 to 1.50
" short	"	.75 to 1.00
Bridesmaids	per 100,	3.00 to 4.00
Perles	"	3.00 to 4.00
Kaiserin	"	4.00 to 6.00
Meteors	"	3.00 to 5.00

CARNATIONS, fancy	per 100,	$1.50 to $2.00
" good quality,	"	1.00
VIOLETS, good single	"	1.00
ORCHIDS, Cattleyas	per doz.,	6.00
VALLEY	per 100,	4.00 to 5.00
SMILAX	"	12.00 to 15.00
ASPARAGUS	per string,	.50 to .75
ADIANTUM	per 100,	.75 to 1.00
WOOD FERNS	per 1000,	1.50

Mention The Review when you write.

100,000 GERANIUMS ROOTED CUTTINGS...

SEND FOR LIST AND PRICES.

	Per 100
Asparagus Plumosus, 2¼-in.	$5.00
" Sprengeri, 2-in.	3.00
" " 2¼-in.	4.00
Baby Primrose, 2¼-in.	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " (winter), 2-in.	3.00
" " " " 4-in., very strong	6.00

	Per 100
Violets, Farquhar, 2¼-in., free from disease,	$2.50
Vinca, 2¼-in., $3.00; 3-in.	5.00
" 4-in., $10.00; 5-in.	15.00
" Rooted Cuttings, $10.00 per 1000	1.25

Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

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..CLIMBERS..

20,000 **Clematis Paniculata,** 2 years open ground and pot grown.
10,000 **Ivies,** 1 year from open ground.
10,000 **Ampelopsis Veitchii,** 1 year pot-grown.
10,000 **Hall's Honeysuckle,** very strong.
5,000 **Evergreen and Golden** Honeysuckles, very strong.
10,000 **Rosa Wichuraiana,** 1, 2 and 3 years.
3,000 **Wichuraiana,** Hybrids.
2,000 **Actinidia Arguta, Wistaria** and other vines.

THE WM. H. MOON CO.

MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

KENNICOTT BROS. CO.

Wholesale Commission Florists

Write for our Prices on Wire Work.
You can't duplicate them anywhere.

42 and 44 E. Randolph St.
CHICAGO.

CHRYSANTHEMUMS,

FANCY, per dozen,	$2.50	to	$4.00
MEDIUM, "	1.25	to	2.00
COMMON, "	.50	to	1.00

VIOLETS, per 100, 60c to $1.00

.....JUST NOW.....

STOCK IS ONLY FAIR, but as good as can be expected at this season. Whatever you want, we have it.

Store open until 6:30 p. m. week days. Until noon Sundays and holidays.

PRICE LIST.	Per 100.	
Beauties, long	$20.00 to	$25.00
" medium	10.00 to	15.00
" short	6.00 to	8.00
Brides, Maids	2.00 to	4.00
Perles and Meteors	2.00 to	4.00
Roses, our selection	2.00	
Carnations	.75 to	1.25
" named varieties	1.50 to	2.00
Violets	.60 to	1.00
Valley		4.00
Adiantum	.50 to	.75
Chrysanthemums,		
Fancy, per doz	2.50 to	4.00
Medium, "	1.25 to	2.00
Common, "	.50 to	1.00
Common Ferns	per 1000,	2.00
Smilax	per doz., $1.25 to	1.50
Asparagus	"	6.00
Leucothoe	per 100,	1.00
Galax, Green	per 1000,	1.00

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FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, Hinsdale, Mass.

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NEW CARNATIONS.

Registered by E. G. Lake, Wellesley Hills, Mass.—"Mangus," color pure white, flowers two and one-half to three inches in diameter on stiff wiry stems eighteen inches to two feet in length. An excellent keeper. Growth strong and vigorous and an early and very free bloomer.

For the American Carnation Society, Albert M. Herr, Lancaster, Pa., Sec'y.

Always mention the Florists' Review when writing advertisers.

DECIDUOUS TREES!

Medium and large sizes, including
Oaks, Maples,
Oriental Plane, Beech,
Birch, Ginkgo, Elms, Ash,
Lindens, Magnolias, Poplars and Willows

We have an immense stock of the above and are prepared to name **liberal** rates in quantity. Personal inspection invited. Correspondence solicited.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

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VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.
PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.
CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

California Grown Bulbs

	Per 100	Per 1000
Calla Lilies, monster bulbs	$7.00	
" 6 in. circumference at crown	4.00	$35.00
" 5 " "	3.50	30.00
" 4 " "	3.00	25.00
Narcissus, Paper White	1.00	7.50

All are strong flowering healthy bulbs.

Also Araucaria Excelsa, 3-in. pots, 3 to 4 tiers $20.00 per 100.

F. LUDEMANN,
Pacific Nursery, SAN FRANCISCO, CAL.

Mention The Review when you write.

15,000 Extra Fine Boston Ferns,

2½, 3, 4, 5, 6 and 7-in. pots, now ready for shipment. Some very fine plants of **Asparagus Plumosus Nanus,** out of 2½-in. pots. A few thousands mixed **Roses** on hand for planting. **WRITE FOR PRICES.**

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5 00 per 100, or 20 for $1.00. **E. I. RAWLINGS, Quakertown, Pa**

Mention The Review when you write.

...NEPHROLEPIS

Is a Fern that you should not fail to have as it will surely make y
Boston Fern and makes a handsomer plant. Note the fronds of Wittb
as rapidly and is propagated quite as readily as the Boston Fern. We a
quickly. **It is even better than we dared to hope it was.**

You should not fail to secure stock of this well-tried and thoroughly proved new fern.

THERE IS MONEY IN IT FOR YOU



Plant of Nephrolepis Wittboldii.

N.
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plant.

YOU CANNOT MAKE A BETTER INVESTMENT now than in a dozen or more plant money making Nephrolepis. The demand next year will be immense when its go generally known. Send in your order now. We shall send out only good strong filling orders when we can no longer send out plants that will be a credit to us.

If you catalogue nove

See our offers of Palms, Ferns, Asp

in Classified Advs. in this issue of the Review. Put in your Christmas stock of

The GEO. WITTBOLD CO., 16

WITTBOLDII...

ou money. N. Wittboldii has all the desirable characteristics of the ldii and Bostoniensis photographed together. N. Wittboldii grows just re almost convinced that it grows more rapidly and is propagated more

Vittboldii is the Bos-
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of this grand new
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plants, and will cease



Frond of N. Bostoniensis. Frond of N. Wittboldii.

Our stock of N. Wittboldii is in splendid shape and we are offering fine plants, ready for 3 and 4-inch pots, at $1.00 each, $10.00 per dozen, $75.00 per 100. Orders filled in rotation as long as present stock lasts.

lties you would do well to include N. Wittboldii in your list. Write us about it.

aragus, Araucarias, Ficus and Cycas

plants now before cold weather sets in and take advantage of low freight rates.

57 Buckingham Place, CHICAGO, ILL.

WASHINGTON.

The Market.

The frosts of the last few days have knocked out outdoor stock and prices have stiffened considerably.

Tea roses go at from 3 to 4 cents; La France, 4 to 6 cents, and Beauties from $1 to $4 per doz. Carnations are scarce and bring from 1 to 1½ cents. Mums are coming in fairly well, but don't seem to go as fast as they should. Good stock can be obtained for 6 and 10 cents. Louisa and Campbell county, of Virginia, growers of violets, are now beginning to ship. Some of the most prominent growers there claim that the prospects for a large crop are good. Good violets bring 25 to 40 cents per 100.

Various Notes.

Geo. Schaffer, for a long time with D. Z. Blackistone, the 14th street florist, has opened up a very handsome place just one block above the latter's store. George has a host of friends, which makes his success assured.

Litzinger & Wade is the name of another firm just started. Mr. Wade was for a long time employed at J. R. Freeman's, and Mr. Litzinger is engaged in the law business. The store is a large, spacious one, and during the last few weeks extensive improvements have been made. The building being new, the fixtures the latest and everything up-to-date make it, no doubt, one of the finest stores in the city. Their three opening days proved a big success.

Representatives from M. Rice & Co. and H. A. Dreer, Philadelphia, were in town the past few days.

F. H. KRAMER.

NEPHROLEPIS WITTBOLDII.

This new fern is showing up finely and several benches of it at the establishment of the George Wittbold Company, Chicago, are a beautiful sight. The plants are remarkably vigorous and give promise of distancing even the Boston fern in this respect, as also in reproducing themselves, for runners are produced in the greatest profusion. The wide, heavy fronds make it an exceedingly decorative plant.

HOUSTON, TEX.—The annual chrysanthemum show will be held November 15 and 16 in Turner Hall.

SYCAMORE, ILL.—Elmer Boynton has added a large new greenhouse with all mqpern improvements.

UTICA, N. Y.—John Mowers, a gardener by occupation, and who was for twenty years employed in the greenhouses of the late Benj. Huntington, died October 14.

Studer Pays Freight

on a **sample order** of my excellent stock of

PALMS, FERNS and other DECORATIVE PLANTS.

Send for Price List.

N. STUDER, Anacostia, D. C.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON STREET, CHICAGO.

Write for special quotations on large orders.

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WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity.

TRY US.

BRANT & NOE, 124-128 Sixth Street, N.

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The Cincinnati Cut Flower Co.,

416 Walnut St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.

Special Attention given to Shipping Orders.

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E. C. AMLING

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.

32, 34, 36 Randolph St.

CHICAGO, ILL.

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WIETOR BROS.

Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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H. G. **Berning**

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Carnation Blooms

OF ALL LEADING VARIETIES NOW READY.

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 4.00
Perles and Meteors	3.00 to 4.00
Carnations	1.00 to 1.50
Valley	4.00
Lilies	12.00 to 15.00
Cattleyas per doz.,	5.00 to 6.00
Chrysanthemums, select, "	2.50 to 3.00
" " ordinary, "	1.00 to 1.50
Adiantum	.75
Common Ferns per 1000,	1.50
Smilax per doz.,	$1.25 to 1.50
Asparagus "	5.00 to 6.00
Ivy per 100,	.50
Leucothoe Sprays "	.75
Galax, Green per 1000,	1.50

XMAS GOODS--ALL KINDS.

We are booking orders on all the following goods for December delivery. We guarantee our prices as low as any reputable house:

Select Delaware Holly per case, $4.50
" " " 5 cases, 20.00
Bouquet Green, strictly fresh stock, per case, 4.50
" " " " 5 cases, 20.00
Bouquet Green Wreathing, per 100 yards, 3.00

Holly Wreaths, Green Wreaths, Mistletoe, Wild Smilax, Xmas Trees, Needle Pines, Cape Flowers, Immortelles and all decorative stock at lowest prices.

Write for our special quotations on ton lots on Bouquet Green, car lots on Holly and Bouquet Green.

Place orders early with us and receive the best stock in the market.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for $5.00
" wire pressed " .75; 6 for 4.00
Tobacco Stems, fresh, 200 lbs for 1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100 15.00
Cape Flowers, white, per lb 1.00
" colored, " 1.50
Tissue Paper, manilla, per ream .50
" " white, " 1.00
Wax " manilla, " 1.40
" " white, " 2.00
Doves, first quality, ea. $1.00; per doz 10.00
" second " .85; " 9.00
Rubber Aprons, ea. $1.50; per doz 15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastics, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45, 47, 49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

Hardy Herbaceous Plants.

Ready to Ship Now. Plant early and let them get established before winter. All strong individual clumps. Per 100

Achillea The Pearl, 3½-in. pots, very fine $4.00
Alyssum Saxatile Compacta, field-grown 5.00
Artemisia (wormwood), field-grown 5.00
Astilbe Japonica, 5½-in. pots 6.00
Aster Novae-Angliae, 3½-in. pots 5.00
" Pyramidalis Hybrida, 3½-in. pots 5.00
Anthemis Kelwayi, 3½-in. pots 5.00
Aquilegia Vulgaris, mixed, field-grown 5.00
" " dbl. white, " 6.00
" Chrysantha, " 6.00
" Caerulea, " 7.00
Caryopteris Mastacanthus, 3½-in. pots 4.00
Hardy Chrysanthemums, asst., field-grown 4.00
Coreopsis Lanceolata, 3½-in. pots 4.00
Campanula Pyramidalis, blue or white, field-grown 5.00
Chrysanthemum Uliginosum, field-grown 6.00
Delphinium Formosum 5.00
Dicentra Spectabilis, field-grown 6.00
Dianthus Barbatus, " 4.00
Digitalis Monstrosa, " 5.00
Funkia Subcordata Grandiflora, field-grown 8.00
Lavendula, field-grown 5.00
Lychnis Chalcedonica, field-grown 5.00
Gypsophila Paniculata, " 5.00
Geum Atrosanguineum, " 5.00
Hardy Pinks, 5 fine sorts, 3½-in. pots 4.00
Hemerocallis Flava, field-grown 4.00
" Sieboldii, " 6.00
Hibiscus Crimson Eye, 3½-in. pots 3.00
Iberis Gibraltarica, field-grown 5.00
Japanese Primrose, 3½-in. pots 7.00
Pyrethrum Roseum, field-grown 5.00
Pentstemon, assorted, " 5.00
Scabiosa Caucasica, " 6.00
Statice Latifolia, " 7.00
Monarda Didyma, " 5.00

EDWARD B. JACKSON,
Send for price list. **Stamford, Conn.**

Mention The Review when you write.

CABBAGE PLANTS.

New Early, H. Succession, Early and Late Flat Dutch, Charleston and Jersey Wakefield, etc., $1.00 per 1000; 75c per 1000 in 10,000 lots.

Lettuce Plants. Big Boston, Boston Market, White Loaf, Tennis Ball, etc., $1 00 per 1000; 75c per 1000 in 10,000 lots. Cash with order.

J. S. LINTHICUM, - Woodwardville, Md.

Mention The Review when you write.

SPECIAL OFFER!

Fresh 1900 crop **KENTIA SEED.** Best time to sow now. To close out a consignment we offer as long as unsold, Kentia Belm. or Forst. at the low price of $3.00 per 1000 seeds, net. 100 seeds only by mail, 65 cents. **Guaranteed finest germination.**

FORCING BULBS.

	12	100	1000
Hyacinths. Roman Early White,	$0.25	$1.85	$16.50
" Dutch, 1st size, separate colors	.60	4.25	40.00
" Named, finest sorts	1.00	6.50	
" Miniature, named, our choice,	.40	2.75	

Tulips. We carry stock of extra fine large sound bulbs, in all the best florists' varieties, at fair prices.

Narcissus.	12	100	1000
Paper White, true grandiflora	$0.15	$0.85	$ 7.50
" XXX, special value	.20	1.00	8.50
Von Sion Daffodil, ex. dbl. nosed	.25	1.75	16.00
" very large select bulbs	.20	1.50	13.00
" fine flowering bulbs, large	.15	1.25	10.00
Poeticus, P. Ornatus, Dbl. Roman, Golden Sun, Trumpet Major, etc., etc.		100	1000
Crocus. Very large bulbs, separate colors,	$0.30		$2.50
Freesia Refracta Alba, select bulbs, to close out	.30		2.50

Lil. Longfl. Our stock of these is known as unexcelled for 18 years. 5x7, 100, $2.50; 1000, $20.00; 6x8, 100, $3 50; 1000, $30.00; 7x9, 100, $5 50; 1000, $50.00; 9x10, 100, $8.50. Lil. Auratum, 8x9, 100, $4 00; 9x11, 100, $7.00. Specios. Rubrum, Album. Write for prices on all bulbs.

Japan Fern Balls. December delivery. Secure stock now. It will be scarce. Get **bona-fide** long leaved variety, same we imported first in 1878.

Ready—Sweet Pea Seed, early forcing sorts, 25c a lb. Smilax Seed, 30c oz. Asparagus Sprengeri Seed, 100, 50c; 1000, $4.00. Benary's finest Stock, 10 weeks, separate colors or mixed—white, blue, red, rose—pkt., 10c; trade pkt., 25c. **5 per cent cash discount.**

Address **H. H. BERGER & CO.,**
47 Barclay St., New York.

Mention The Review when you write.

ORCHARD GRASS SEED.

Replying to an inquiry as to the correctness of the Cincinnati item on page 590 of our last issue Messrs. Wood, Stubbs & Co., of Louisville, write: "We have your favor of 18th inst., and clipping in regard to orchard grass. In reply would state that the item is about correct with the exception that there is not as large amount reported as you stated. From what information we can get there is only about 2,500 bags reported. The dealers here are not in immediate want of orchard grass, and certainly not at high figures, as it seems almost impossible to get very much above market price of last year for seed. Of course we cannot state how soon the situation will be changed, but from the stocks held here we do not anticipate $1.50 this season. We should like to see it so."

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Liberty

12	plants for	$ 7.20
25	" "	12.50
50	" "	15.00
100	" "	28.00

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

ROSES

In fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

DENVER, COLO.

Club Meeting.

The club meeting held October 16 was rather slimly attended, but the business transacted was none the less. The finance committee reported that it would, no doubt, raise the required amount asked for by the club. Mr. Graham, president of the club, said that work such as enclosing the pavilion, heating, tables, etc., would begin at once.

The Market.

There are flowers enough to meet the demand with the exception of carnations, which are yet a little scarce. A few of the newer varieties have shown up, and just now Lawson shows the best, though Marquis comes along faster but hasn't the size. What few Crockers we have seen look very fine; its color is hard to beat.

In roses the market is overstocked on teas, perhaps due to the mums. Good Liberties and Beauties, however, find ready sale.

The mum season has fairly started, and some good Robinsons, Whilldins and Glory of Pacific may be seen. A look around the greenhouses shows some fine varieties for later on.

A ball given by one of the fashionable set called for a good-sized decoration one day last week, palms and wild smilax being used quite freely. ROCKY.

PEORIA, ILL.

In the industrial parade during the latter part of the Corn Carnival, Murray and Cole Bros. were represented by very well decorated wagons, Cole Bros. using some extra fine cycads and Boston ferns, and Murray some tastefully arranged floral pieces, which were greatly admired.

There is a slight increase in trade with a fair supply of good roses, carnations and violets. Mums are making their appearance. Murray has a very fine house of American Beauties in crop. Kuhl is cutting some very good Golden Gate roses. His ferns are selling fast.

J. R.

MINNEAPOLIS, MINN.—H. F. W. Busch is building three new houses, of which two are 21x200 and one 21x100

MARSHFIELD, WIS.—R. I. Macklin had an "opening" at his new greenhouse October 13 and gave a carnation to each visitor.

WATERTOWN, N. Y.—Geo. H. Underhill, of the firm of Greene & Underhill, was married at Fort Ann, October 17, the bride being Miss Kathryn Finch. The happy couple are now enjoying a wedding journey through the south.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

MORE people would use books if they knew their value. Any florist who will use our $5 Florists' Manual in the following way will get from $10 to $100 a year out of it. Spend at least ten minutes every week in getting acquainted with the valuable suggestions in it and use it as a diary of your own work, and a scrap-book of particularly good things you may read elsewhere and want to save for reference. This is "expanding" a book, and many who have tried the plan with other books have found it very profitable. This may be done either on the margins or by inserting blank leaves where needed. **Sent prepaid for $5.00.**

FLORISTS' PUB. CO., 520-535 Caxton Bldg., CHICAGO.

BIG CUT....

to make room for 25,000 Geranium Cuttings that must be potted in ten days.

Roses. XX strong Brides, Meteors and Maids, 3-in., 12 to 18-in. high, fine plants, $2.00 per 100. Golden Gate and Perle, 2½-in., $2.00 per 100.

Carnations. Large healthy field plants. McGowan, Evelina, Armazindy, Gold Nugget, Victor, Nivea, $2.50 per 100. Mrs. Bradt, $5.00 per 100.

Asparagus Sprengeri. Strong 3-in., ready for 4-in., 4c.; 2¼-in., ready for 3-in., 2½c.

Alternanthera. Three choicest dwarf varieties. Rooted Cuttings, 60c per 100; $5.00 per 1000.

Geraniums. 1000 Bruanti (best scarlet), strong 3-in., $1 50 per 100.

Ageratum. Louise Bonnatt, latest novelty in white. R. C., $1.00 per 100. Princess Pauline, R. C., 60c per 100.

Salvia Splendens. R. C., $1.00 per 100.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

Hardy Herbaceous Plants

All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $5.00 per 100, $45.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St., HOLLAND, Mich.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.



A Fine Lot of.... PLANTS at Low Prices.

	Per 100.	Per 1000.
Pansy Plants, large flowering, 6 leaves	$ .40	$2.50
Geraniums, choice mixed, 2½-in.	1.50	12.50
Chinese Primroses, mixed, 2½-in.	1.50	12.50
Hardy Pinks (Grass) Clumps	1.50	12.50
Flowering Begonias, mixed, 2½-in.	1.50	12.50
Calla Bulbs, medium sized	5.00	40.00
Field-Grown Roses, Bride, Bridesmaid and Perle	5.00	40.00
Sedum Variegatum (Border Plant), 2¼-inch	2.00	15.00
Rose Geranium, Scented	1.50	12.50
R. C. Carnation Morning Glory (Light Pink)	5.00	40.00

Pansy Seed, Giant Flowering, mxd. 1.00 per oz.
Hardy Ferns, mixed, 4-in. per 100, $5.00; 1000, $40.00

50 plants at 100 rates; 250 at 1000 rates. (Cash)

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

PAEONIES.

We have 100 named double varieties, selected for florists' use; all good for cut flowers.

1 each of 100 varieties	$15.00
1 each of 50 varieties	6.00
1 each of 25 varieties	3.00

INDIANAPOLIS FLOWER and PLANT CO. Indianapolis, Ind.

Mention The Review when you write.

NOW READY FOR BUSINESS.

Adolph H. Poehlmann,

55 and 57 Wabash Ave.

CHICAGO.

Long Distance Phone
2128 Central.

60,000 Feet of Glass in.....ROSES.

Wholesale Grower and Shipper of Cut Flowers.

Our Specialties are Beauties, Meteors, Brides, Maids, Golden Gates and Perles.

Greenhouses at Morton Grove. Established 1885.

CONSIGNMENTS OF CARNATIONS, VIOLETS and MISCELLANEOUS STOCK SOLICITED.

Mention The Review when you write.

THE FLORISTS' MANUAL, BY WM. SCOTT.

Is a book of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business, and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold. Following we print a few extracts from letters received from buyers of the book:

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florists' business. J. T. TEMPLE.
Davenport, Ia.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

Price $5.00, Carriage Prepaid.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

SANDUSKY, OHIO.

Business in this town has been very fair for this time of the year, and the weather for the last few weeks has been remarkable—bright, sunny days, just the weather for roses and other stuff that may be a little backward, besides being economical on the coal pile.

A visit to Clyde, O., a town a few miles from here, which will soon be a suburb of Sandusky, found the genial Wm. E. Hall, of Little Pink geranium fame, busy sending out orders for field grown carnations, and, as he put it, many thanks to a valuable advertising medium, "which we all read," etc., etc.

Mr. Hall has some 15,000 carnations benched, among them some seedlings of his own raising, from which we expect great things. He has in his Little Pink geranium a good thing, and it should be in every florist's collection.

D. J. White, of this town, has completed a new house 10x60, his business demanding the increase.

Mrs. Matern held her annual chrysanthemum show last week. There is nothing to equal mums to open the season with a vim.

The Central Greenhouses are getting in shape for business, D. J. Mackey having made many improvements and additions to the houses and stock.

There is some talk of forming a florists' club here. There are some twenty-five persons in and around Sandusky interested in the florists' business. It should be a go. H. M. N.

BELLEVILLE, ILL.

The whereabouts of Charles Hartter, the smooth confidence man, who, under the pretense of establishing a $20,000 electric greenhouse plant on the Schaefer land, two miles west of town, defrauded a number of Belleville business men, is still unknown.

It is now evident that his scheme was to secure possession of the land and material on payment of notes instead of cash, then sell out for what he could get and skip. The owner of the land insisted on part cash and a mortgage for the balance, which brought matters to a crisis and no doubt saved others from more serious loss. As he may bob up with a similar scheme elsewhere florists should be on the lookout for him and warn possible victims.

IOWA CITY, IA.—C. W. A. Hill, the florist, formerly of Chicago, was mortally injured October 19 by the accidental discharge of a gun.

DE SOTO, MO.—Mr. Art. Hippart is erecting a greenhouse for commercial purposes and will embark in the florist's business.

CARNATIONS. We have about 500 each of Flora Hill & New York, fine plants at $3.50 per 100; also Scott, John Young, Genesee, Freedom, Melba, Morello and Dazzle at $2.50 per 100.

ROSES. We still have some Maids and Brides in 3-inch pots, at $2.50 per 100 now, to close out.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

PROSPERITY....

The New Carnation known as No. 666 has been christened the above name and will be disseminated next March. For full particulars address

DAILLEDOUZE BROS., Flatbush, Brooklyn, N. Y.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 120,000

Mayor Pingree Crimson Sport Jubilee Eldorado Maude Adams McGowan
L. L. Lamborn Sweet Briar Portia Mrs. Fisher Albertini Dorothy Sweet C. A. Dana

$1.00 per doz.; $4.00 per 100.

J. L. DILLON, - - - BLOOMSBURG, PA.

Mention The Review when you write.

CARNATIONS!

FIELD-GROWN PLANTS.

Genevieve Lord. Only 1000 extra fine plants left. These plants are under cover, safe from frosts. We recommend it as a fitting successor to Wm. Scott and the most profitable pink carnation ever offered to the trade. Per 100, $12.00. 200 or more at $10.00, 500 or more at $7.50 per 100.

James Whitcomb Riley, $12.00 per 100.

Also a few Daybreak, Pingree and Wm. Scott, fine plants, to close out, $5.00 per 100.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Carnations.

FIELD-GROWN STOCK.

Gen. Gomez, Mrs. Bradt and Glacier, strong stock, $6 per 100; Pingree and Argyle, $4 per 100.

ASPARAGUS SPRENGERI, strong stock, { 2-inch, $3 per 100; 3 " 4 "; 3½ " 6 "; 4 " 10 "

F. DORNER & SONS CO.,

LA FAYETTE, IND.

Mention The Review when you write.

Surplus CARNATIONS.

600 Gen. Gomez	3c	500 Sandusky	4c
250 Melba	4c	80 Maud Adams	4c
200 Daybreak	2c	40 America	3c
200 Victor	2c	50 Jubilee	3c
100 Gold Nugget	6c	75 Argyle	3c

W. E. HALL, CLYDE, O.

Mention The Review when you write.

Carnations and Violets

California Field Grown, strong and healthy.

ELDORADO, SCOTT, McGOWAN, PORTIA, $5.00 per 100.

GEO. F. CURWEN, VILLA NOVA, P. O., Del. Co., Pa.

Mention The Review when you write.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street,
BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Mention The Review when you write.

CARNATIONS!

MARQUIS

Field-Grown, $10.00 to close.

L. E. MARQUISEE, Syracuse, N. Y.

Mention The Review when you write.

FIELD-GROWN CARNATIONS

With Plenty of Roots.

Send for prices on 35 best new and standard varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Heacock's Premium Arecas.

I have grown on some specimen Arecas, plants that last year showed exceptional vigor. These are now in 14-in. pots, stand 8 to 9 feet high and very bushy. Each plant is perfect from all sides and great value for the price, $25 to $30 each. I also offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind:



ARECA LUTESCENS.

3 plants,	6-inch pot,	24 to 28 inches	$12.00 per doz., $100 per 100
3 "	8 "	36 inches, fine	$3.00 each
Specimen, 14 "		8 to 9 feet, very fine and bushy	$25 to $30

COCOS WEDDELIANA.

1 plant,	2¼-inch pot,	8 to 10 inches high	$15.00 per 100
1 "	3 "	10 to 12 "	20.00 "
1 "	4 "	18 inches high	.50 each
3 "	5 "	18 "	1.00 "

KENTIA BELMOREANA.

4-inch,	5 to 6 leaves,	15 inches high	$ 4.50 per doz., $ 35.00 per 100
6 "	6 "	24 "	15.00 " 125.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each

KENTIA FORSTERIANA.

4-inch pot,	4 to 5 leaves,	15 inches high	$4.50 per doz., $35.00 per 100
6 "	5 "	24 to 28 inches	$1.00 each, $12.00 per doz.
6 "	5 to 6 "	30 "	1.25 " 15.00 "
8 "	6 "	36 to 40 "	3.00 " 36.00 "
8 "	6 "	48 to 50 "	4.00 " 48.00 "

JOSEPH HEACOCK, - WYNCOTE, PA.

Mention The Review when you write.

FIELD-GROWN CARNATIONS

Albertini ..... } $5 per 100;
Tidal Wave ..... }
Armazindy and Triumph, } $40 per 1000

FIELD-GROWN VIOLETS, $5 per 100; $40 per 1000.

Pot-Grown Violets, 3-inch, $3 per 100; 4-inch, $4 per 100.

SMILAX PLANTS, 3-in., $3.00 per 100.

VINCAS, field-grown, $3.00 and $4.00 per 100.

WM. F. KASTING, 481 Washington Street, BUFFALO, N. Y.

Mention The Review when you write.

VIOLETS

Extra strong field-grown clumps.

California.....$4.00 per 100
Princess of Wales..... 5.00 "

NATHAN SMITH & SON, ADRIAN, MICH.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Burpee's Seeds Grow

PRIMROSES.

Chinese Mixed, large flowering fringed, per 100, $1.25
Obconica GRANDIFLORA and ROSEA, " 2.00
Asparagus Sprengeri, 2-inch pots, " 2.50
Asparagus Plumosus, " " " 3.50
Pansy Plants ready Nov. 10th, large flowering, per 1000, $2.50; per 100, 50c.

Cash please.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

JARDINIERE FERNS

Elegant stock,
$3.00 per 100, $25.00 per 1000.

Roses for the South. Varieties most adapted for southern planting. Just the thing you want. Stock A No. 1. Write for Price List.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

Mention The Review when you write.

WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb. box, $1.00. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

Always mention the Florists' Review when writing advertisers.

Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight. I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G. BARROW, Red Level, Ala.

Mention The Review when you write.

Cyclamen for Christmas blooming. Fine large healthy plants, 4-in., $8.00 per 100.

Chinese Primroses. Red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.

Cinerarias. Prize strain, 2-in., $2.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzii. Rooted cuttings, $1.50 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

ACALYPHA.

Acalypha Sanderi, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., strong plants, $5.00 per 100.
Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Louise Bonnatt, latest novelty in white, rooted cuttings, $1.00 per 100. Princes Pauline, rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

ALTERNANTHERA.

Three choicest dwarf varieties, rooted cuttings, 60c per 100; $5.00 per 1000. South Side Floral Co., Springfield, Ill.

ARAUCARIAS.

	Each.
Excelsa, 3-inch, nice plants	$0.50
Excelsa, 4-inch, nice plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, 24-in., 4 to 5 tiers, $1.50; 30-in., 5 to 7 tiers, $2.00. Very heavy tiers and fine plants. Hession, Clarkson St., Brooklyn, N. Y.

Araucaria excelsa, fine plants, 4 tiers of leaves, $1.00 each; $10.00 per doz. The Good & Reese Co., Springfield, Ohio.

Araucaria excelsa, 3-in., 3 to 4 tiers, $20.00 per 100. F. Ludemann, San Francisco, Cal.

ASPARAGUS.

		Pot.	Doz.	100.
Plumosus Nanus	2-inch	$0.50		$4.00
Plumosus Nanus	3-inch	1.00		8.00
Plumosus Nanus	4-inch	1.50		12.00
Sprengeri	2-inch	.50		4.00
Sprengeri	3-inch	1.00		8.00
Sprengeri	4-inch	1.50		12.00
Sprengeri	6-inch	5.00		
Sprengeri	8-inch	10.00		
Tenuissimus	3-inch	1.00		8.00

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

A. Sprengeri, 6-in. pots, heavy, $4.00 per doz.; $25.00 per 100; 5-in., $2.50 per doz.; $15.00 per 100. Cash with order, or 25 per cent if C O. D. A. Nelson, Box 1450, Paterson, N. J.

Sprengeri and plumosus nanus, extra strong stock from 2½-in. pots, ready for 3-in., $5.00 per 100; $40.00 per 1000.
Jackson & Perkins Co., Newark, New York.

5000 A. Sprengeri from seed bed, all in finest condition at the low price of $1.25 per 100; $10.00 per 1000. Samples for 50c. D. U. Augspurger & Sons, Box 778, Peoria, Ill.

Asparagus plumosus, 2¼-in., $5.00 per 100. A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, 3-inch, strong, $5.00 per 100; 2-inch, strong, $3.00 per 100; from flats, $2.00 per 100. M. J. Coventry, Ft. Scott, Kan.

A Sprengeri, 2-in. pots, $2.50; A plumosus, 2-in. pots, $3.50 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

A. Sprengeri, strong stock, 2-in., $3.00, 3-in., $4.00, 3½-in., $6.00, 4-in., $10.00 per 100. F. Dorner & Sons Co., LaFayette, Ind.

Sprengeri, strong 3-in., ready for 4-in., 4c; 2¼-in., ready for 3-in., 2½c. South Side Floral Co., Springfield, Ill.

A. Sprengeri, 2½-in., strong plant, $2.50 per 100; $20.00 per 1000. The Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in., $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

1000 A. Sprengeri, 4-in., $1.00 per doz.; $7.00 per 100. Ben. L. Elliott, Cheswick, Pa.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Cash. J. A. Fries, Bethlehem, Pa.

XX Sprengeri, 3 sizes, low prices. Write Roney Bros., West Grove, Pa.

A. Sprengeri, 2½-in., $2.50 per 100. M. & S. L. Dysinger, Albion, Mich.

A. plumosus nanus, fine plants, 2½-in. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

AZALEAS.

Azaleas now ready—We take pleasure in offering, f. o. b. New York City, Indian Azaleas, double and single, leading market kinds. This is a specially low import offer both as to sizes and prices, and your early order is solicited. Azaleas are growing in favor yearly, as the great demand this season proves. It is to your interest to order now and take advantage of the low prices we offer. These plants will be carefully packed and can be safely sent by freight. Order at once to secure these rates, and mention paper.

10 to 12 in. heads.....$4.50 per doz; $33.00 per 100
12 to 14 in. heads..... 6.00 per doz; 43.00 per 100
14 to 16 in. heads..... 7.00 per doz; 53.00 per 100
6 sold at dozen rates; 25 at 100 rates.
PETER HENDERSON & CO., 35 Cortlandt St., New York.

Azaleas—Having just received a large shipment of these in first-class condition, well set with bud, I make the following special offer for immediate delivery, before plants are potted, f. o. b. Philadelphia. Simon Mardner, Mme. Van der Cruyssen, Bernhard Andrea Alba:

14 to 16 in. diam....$ 7.50 per doz; $ 55.00 per 100
16 to 18 in. diam.... 12.00 per doz; 90.00 per 100
18 to 20 in. diam.... 25.00 per doz; 200.00 per 100
Vervaeneana,
15 to 18 in. diam.. 12.00 per doz; 90.00 per 100
JACOB BECKER, 52d and Market Sts., Philadelphia, Pa.

Special prices for immediate orders. Fine bushy crowns, well set with buds:

	Doz.	100.
10 to 12 in. in diameter	$ 4.50	$ 35.00
12 to 14 in. in diameter	6.00	45.00
14 to 16 in. in diameter	7.50	55.00
16 to 18 in. in diameter	12.00	90.00
18 to 20 in. in diameter	25.00	200.00
20 to 24 in. in diameter	36.00	300.00

These prices include duty, packing and delivery in good condition to any express, freight or steamship line in Philadelphia.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Azaleas—Received 20,000 in the best New York market varieties, sizes as follows:

	Doz.	100.	1000.
8-10 inches diam	$ 3.50	$27.50	$250.00
9-11 inches diam	4.00	30.00	285.00
10-12 inches diam	4.50	35.00	325.00
12-14 inches diam	6.00	42.50	400.00
14-16 inches diam	7.50	55.00	525.00
16-18 inches diam	12.00	90.00	

Large plants, $1.25, $1.50, $2.00, $3.00 each. Send for our special price list of bulbs.
BOBBINK & ATKINS, Rutherford, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BEGONIAS.

Begonia Gloire de Lorraine, strong plants from 2¼-in., $15.00, 3½-in., $25.00 per 100. Begonia Gloire de Lorraine nana compacta, strong plants, 2¼-in., $15.00, 3½-in., $27.50 per 100. Begonia Caledonia, the white Lorraine, from 3½-in., plants ready for delivery Nov. 1, $5.00 each. We are the only firm in America offering this fine, new novelty this year.
R. & J. Farquhar & Co., 16 and 19 So. Market st., Boston, Mass.

Begonia Gloire de Lorraine, strong plants for immediate delivery, 2½-in., $17.50 per 100; $175.00 per 1000; 3-in., $4.00 per doz.; $30.00 per 100. We control the largest and healthiest stock in this country. Cottage Gardens, Queens, N. Y.

Begonia Rex. I have a most beautiful collection of this justly popular pot plant, in the finest market varieties. Mixed, from 2½-in. pots, $4.00 per 100; labeled, $5.00 per 100. Paul Mader, East Stroudsburg, Pa.

5,000 flowering begonias, 10 choice varieties, 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Begonia Metallica, in bloom, 4 inch, $5.00. Cash. A. W. Hoyle, Spencer, Mass.

Begonia Vernon, fine, $1.00 per doz.
Converse Greenhouses, Webster, Mass.

BERRIED PLANTS.

Jerusalem Cherries. 500 seedlings, 6 inches and larger. Must sell before Nov. 1 or will throw them out. Make an offer. A. H. Graf, Kirkwood, N. J.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BOUVARDIA.

Pink Bouvardia (Rosea multiflora), very fine plants from field, $10.00 per 100.
Charles E. Meehan, Germantown, Phila., Pa.

BULBS.

FORCING BULBS READY.

Hyacinths.	12	100	1000
Roman Early White	$0.25	$1.85	$16.50
Dutch, 1st size, separate colors	.60	4.25	40.00
Named, finest sorts	1.00	6.50	
Miniature, named, our choice.	.40	2.75	

Tulips.
We carry stock of extra fine large sound bulbs, in all the best florists' varieties, at fair prices.

Narcissus.	12	100	1000
Paper White, true grandiflora.	$0.15	$0.85	$ 7.50
" XXX, special value..	.20	1.00	8.50
Von Sion Daffodil, ex. dbl. nosed	.25	1.75	16.00
" very large select bulbs	.20	1.50	13.00
" fine flowering bulbs, large	.15	1.25	10.00

Poeticus, P. Ornatus, Dbl. Roman, Golden Sun, Trumpet Major, etc., etc.

Crocus.	100	1000
Very large bulbs, separate colors	$0.30	$2.50
Fresia Refracta Alba.	100	1000
Select bulbs, to close out	$0.30	$2.50

Lil. Longfl.
Our stock of these is known as unexcelled for 18 years. 5x7, 100, $2.50; 1000, $20.00; 6x8, 100, $3.50; 1000, $30.00; 7x9, 100, $5.50; 1000, $50.00 9x10, 100, $8.50. Lil. Auratum, 8x9, 100, $4.00; 9x11, 100, $7.00. Specios. Rubrum, Album. Write for prices on all bulbs. H. H. Berger & Co., 47 Barclay st., New York.

Calias, 1¼ to 1½ in. diam., 75c per doz., $5.00 per 100; 1½ to 1¾ in. diam., $1.25 per doz., $7.00 per 100. The Good & Reese Co., Springfield, O.

Bermuda grown Longiflorum, in splendid shape, 350 bulbs to the case, $14.00 per case. Lilium Harrisii, fine stock, bulbs are plump, bright and clean, 5-7's, 400 bulbs to case, $16.00 per case. 7-9's, 200 bulbs to case, $13.00 per case, as long as unsold. White Roman Hyacinths, extra quality, 12-15 cm., in case lots, 2100 bulbs to the case, $16.00 per 1000. Paper White Narcissus, case lots, about 1300 bulbs to case, $7.50 per 1000, 5 per cent discount when cash is remitted with order. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

To get a move on some surplus bulbs, I offer to cash-with-order-buyers, a few remaining cases of Bermuda-grown Lilium Longiflorum, 5-7, at $10.00 per case of 400 or $20.00 per 1000. Bulbs in fine, healthy condition. And many other bulbs, among which are a limited number of cases Narcissus Paper White Grandiflora at $6.75 per 1000; in 10,000 lots at $6.60 per 1000. C. H. Joosten, Importer, 86 Dey St., New York.

Bulbs now ready. Lilium Longiflorum, Japan, 5 to 7 in., $2.00 per 100; $18.00 per 1000; 6 to 8 in., $3.00 per 100, $27.00 per 1000; 7 to 9 in., $4.50 per 100, $40.00 per 1000; 9 to 10 in., $90.00 per 1000. Lilium Harrisii, 7 to 9 in., $8.00 per 100; $75.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

Two-year-old Hippeastrum (Amaryllis), of a very fine strain, $10.00 per 100. Cash. A. Roedder, Shorb, near Los Angeles, Cal.

French and Dutch bulbs ready to deliver. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 86 Dey St., N. Y.

1,000 Calla bulbs, medium size, $5.00 per 100. Morris Floral Co., Morris, Ill.

CARNATIONS.

Strong, field-grown carnations, healthy stock. America, Gen. Maceo, Mrs. Bradt, 1st size, $8.00 per 100, $70.00 per 1,000; 2nd side, $6.00 per 100; $50.00 per 1,000. Melba, Gen. Gomez, Armazindy, 1st size, $7.00 per 100; $60.00 per 1,000; 2nd size, $5.00 per 100; $45.00 per 1,000. Bon Ton, Joost, Psyche, 1st size, $6.00 per 100; $50.00 per 1000; 2nd size, $5.00 per 100; $45.00 per 1,000. Firefly, New York, Sea Shell, Victor, Cartledge, Alaska, Portia, Lizzie McGowan, Scott, 1st size, $5.00 per 100; $40.00 per 1,000; 2nd size, $4.00 per 100; $35.00 per 1,000. Wood Bros., Fishkill, N. Y.

20,000 extra fine field-grown carnations, Scott, Flora Hill, McGowan, Mrs. F. Joost, Mary Wood, New York, Bon Ton, Albertini, Thos. Cartledge, Argyle, Gold Nugget, Lily Dean, Leslie Paul, Iris Miller, Elsie Ferguson at $6.00 per 100; $50.00 per 1000. Melba, G. H. Crane, $8.00 per 100. The above are all good, strong plants.
Evenden Bros., Williamsport, Pa.

A few hundred of our new seedling, Russell, the strongest plant and most prolific pink carnation we ever had. After 4 years' trial we have discarded Scott and planted this. Extra large plants, now in cold-frame, $1.50 per doz,; $6.00 per 100. Address Chas. Black, Hightstown, N. J.

Cheap to close out quick. Hill, Scott, Eldorado, White Daybreak and a few plants of other kinds. Write me for what you want. I can use some 1, 1¼ and 2-in. pipe in exchange. My plants are very fine, clean and healthy. W. H. Watson, Lapeer, Mich.

Genevieve Lord, only 1000 extra fine plants left, per 100, $12.00. 200 or more at $10.00, 500 or more at $7.50 per 100. James Whitcomb Riley, $12.00 per 100. Daybreak, Pingree and Scott, fine plants, $5.00 per 100. H. Weber & Sons, Oakland, Md.

Surplus carnations. 10,000 field-grown. Hardy and first-class. Daybreak, $3.50; Flora Hill, $4.50; Scott, $3.50; Dean, $4.00; Crane, $6.00; Joost, $4.50; J. Young, $4.00; Mrs. Bradt, $7.00; Edith Foster, $5.00. Geo. O. Caldwell, Scranton, Pa.

Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment.
Ed. Kirchner, Winona, Minn.

Carnations. Mayor Pingree, Crimson Sport, Jubilee, Eldorado, Maude Adams, McGowan, Lamborn, Sweet Brier, Portia, Fisher, Albertini, Dorothy Sweet and Dana, $1.00 per doz.; $4.00 per 100. J. L. Dillon, Bloomsburg, Pa.

G. H. Crane, the finest of all the scarlets. We have 10,000 extra fine plants for immediate delivery at $8.00 per 100; $75.00 per 1000. Cash with order. S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

Surplus carnations. 600 Gen. Gomez, 40 America, 50 Jubilee, 75 Argyle, 3c; 100 Gold Nugget, 6c; 250 Melba, 500 Sandusky, 80 Maud Adams, 4c; 200 Daybreak, 200 Victor, 2c. W. E. Hall, Clyde, Ohio.

Carnation Plants. 800 McGowan, 100 Wm. Scott. All strong and healthy, $3.00 per 100. 150 Frances Joost, 50 Gen. Gomez. Lot sold cheap for cash. Isabella Greenhouses, Babylon, L. I., N. Y.

Last call! Evelina, Albertini, John Young, Mrs. Dean, Webb, Empress, Jahn's Scarlet, many have 20 flower shoots, $4.00 per 100, or 500 plants for $18.00. Albert H. Brown, Westboro, Mass.

500 each of Flora Hill and New York, fine plants, $3.50 per 100; also Scott, Young, Geneseo, Freedom, Melba, Morello and Dazzle, $2.50 per 100. Crabb & Hunter, Grand Rapids, Mich.

10,000 Carnations. Flora Hill, $4.00 per 100, $35.00 per 1,000. Wm. Scott, $3.00 and $3.50 per 100, $25.00 and $30.00 per 1,000. L. McGowan, $2.50 per 100, $20.00 per 1,000.
C. Humfeld, Clay Center, Kas.

All sold but Glacier, Evanston, Armazindy, Dana, Meteor, Bridesmaid, Eldorado, Portia, Jubilee, Hill and Scott. No. 1, $5.00, No. 2, $3.00. Cash. Dana R. Herron, Olean, N. Y.

10,000 carnation plants to close out. Scott, McGowan, Tidal Wave, Argyle, $2.50 per 100; $20.00 per 1000. The Harms Park Floral Co., Berteau Ave., near Western Ave., Chicago.

The new carnation No. 666 has been christened Prosperity and will be disseminated next March. For full particulars address Dailledouze Bros., Flatbush, Brooklyn, N. Y.

McGowan, Evelina, Armazindy, Gold Nugget, Victor, Nivea, $2.50 per 100, Mrs. Bradt, $5.00 per 100. These are fine, healthy plants. South Side Floral Co., Springfield, Ill.

1000 Wm. Scott Carnation Plants. Field-grown, fine plants, $3.00 per 100. Cash with order. John & Wesley Leach, 1010 De Bevoise Ave., Long Island City, N. Y.

Field-grown stock. Gen. Gomez,, Mrs. Bradt, Glacier, strong stock, $6.00 per 100. Pingree and Argyle, $4.00 per 100. F. Dorner & Sons Co., La Fayette, Ind.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Albertini, Tidal Wave, Armazindy and Triumph, field-grown, $5.00 per 100; $40.00 per 1000. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Carnation plants in bud and bloom. Per 100: Scott and Cardinal, $3.00; Albertini, very fine, $3.50; Pingree, very fine, $2.50.
Brown & Canfield, Springfield, Ill.

Clean, strong field-grown carnations. 5000 Scott, 4000 McGowan, $3.00 per 100. Cash with order. Alex. Schultz, Phillipsburg, N. J.

Good Scott carnation plants from the field, $4.00 per 100; $35.00 per 1000.
Charles E. Meehan, Germantown, Phila., Pa.

Strong, healthy, field-grown plants of Firefly, Daybreak and Evelina at $4.00 per 100.
L. L. May & Co., St. Paul, Minn.

Eldorado, Scott, McGowan, Portia, field-grown, strong and healthy, $5.00 per 100. Geo. F. Curwen, Villa Nova, Pa.

Extra fine, field-grown carnations. Flora Hill, Scott, Portia at $3.50 per 100. Cash. J. J. Lawrence, St. Marys, Ohio.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

1000 each of Portia, McGowan and Scott. Fine, strong plants at $5.00 per 100. West End Floral Co., Belleville, Ill.

Extra strong, field-grown carnations, Gomez, Maceo, Scott and Melba at $5.00 per 100. Chas. Limmer, Cobleskill, N. Y.

Carnation Morning Glory (light pink), rooted cuttings, $5.00 per 100; $40.00 per 1000. Morris Floral Co., Morris, Ill.

Joost plants, extra fine, $40.00 per 1000 to close them out. Isaac A. Passmore, Route 7, West Chester, Pa.

Field-grown carnations with plenty of roots. Send for prices.
Geo. Hancock & Son, Grand Haven, Mich.

5,000 Wm. Scotts, strong plants, $4.00 per 100; $35.00 per 1000.
Ben. L. Elliott, Cheswick, Pa.

Field-grown, extra-fine carnation plants of McGowan, Scott and Portia, $3.00 per 100.
J. C. Murray, Peoria, Ill.

Portia, Pingree, Mangold, $4.00 per 100.
Converse Greenhouses, Webster, Mass.

Field-grown Marquis, $10.00 per 100.
L. E. Marquisee, Syracuse, N. Y.

CINERARIAS.

Cinerarias, prize strain, 2-in., $2.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cinerarias, 3½-in., $6.00 per 100.
Converse Greenhouses, Webster, Mass.

CISSUS.

Cisaus discolor, pretty plants, 3-in. pots, $4.00 per 100.
McGregor Bros., Springfield, Ohio.

CLEMATIS.

Clematis paniculata, 2 years, $4.00 per 100; seedlings from flats, $4.00 per 1000. Send 5c for samples. Cash with order.
Frank Jencek, Box 238, Newport, R. I.

CLIMBERS.

100,000 vines. Ampelopsis Quinquefolia, X strong, field-grown, 2 and 3 years, $5.00 per 100; $40.00 per 1000. Ampelopsis Veitchii, strong, 2 year, field-grown, $5.00 per 100; $45.00 per 1000; strong, 3 years, from 4-in. pots, $8.00 per 100. Clematis Paniculata, strong, field-grown, 1 year, $3.50 per 100; $25.00 per 1000; 2 years, $5.00 per 100; $40.00 per 1000; 3 years, $8.00 per 100, $75.00 per 1000. Clematis Flammula, X strong, 3 years, $6.00 per 100. Euonymus Radicans Variegata, strong, 2 and 3 years, $6.00 per 100; $50.00 per 1000. Ivy, English, strong, 1 year, field-grown, 2 to 3 ft., $5.00 per 100; $40.00 per 1000; strong, 1 year, from 4-in. pots, $8.00 per 100; $70.00 per 1000. Honeysuckle, Hall's Japan, strong, 2 years, field-grown, $5.00 per 100; $40.00 per 1000; X strong, 3 years, field-grown, $6.00 per 100, $50.00 per 1000. Samples sent on application. Address,
Mount Airy Nurseries, 7356 Germantown Ave., Philadelphia, Pa. Thaddeus N. Yates, Proprietor.

20,000. Clematis paniculata, 2 years, open ground and pot grown; 10,000 Ivies, 1 year, from open ground; 10,000 Ampelopsis Veitchii, 1 year, pot grown; 10,000 Hall's Honeysuckle, very strong; 5,000 Evergreen and Golden Honeysuckles, very strong; 10,000 Rosa Wichuraiana, 1, 2 and 3 years; 3,000 Wichuraiana, hybrids; 2,000 Actinidia arguta; Wistaria and other vines.
The W. H. Moon Co., Morrisville, Pa.

COLEUS.

Crimson Verschaffeltii and Golden Bedder, stock plants, 4-in., $1.00 per doz.
Converse Greenhouses, Webster, Mass.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

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Cycas revoluta, 4-inch pots, 3 to 4 leaves, $3.00 per dozen; 5-inch pots, 4 to 6 leaves, $4.00 to $6.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Choice, healthy stock showing buds, valuable for retailing, 3-in., ready for 4-in., $7.00 per 100. Cash with order. Louis Bauscher, Freeport, Ill.

Cyclamen. Fine plants from 2½-in., $4.00, 3-in., $6.00, 4-in., $10.00, 5-in., $15.00 per 100. Jno. E. De Walt, Box 82, Carlisle, Pa.

Cyclamen, fine plants, fine strain, 4-in., ready for 5's, $10.00 per 100. Cash with order. W. G. Richardson, Bennington, Vt.

Fine, healthy plants, 4-in., $8.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, 3-in., $4.00 per 100.
J. W. Miller, Hatton, Pa.

DAISIES.

Marguerites, white, yellow and blue, 2½-in., 75c per doz.; rooted cuttings, 25c. A. & G. Rosbach, Pemberton. N. J.

Send in your order now for a copy of the Florists' Manual.

DRACAENAS.

Dracaena fragrans, 18-in., $1.00, 22 to 24 in., $1.50, perfect, cool-grown, A1 plants. Hession, Clarkson St., Brooklyn, N. Y.

Good, strong, field-grown dracaenas, ready for 6-in., $10.00 per 100. Wm. Schlatter & Son, Springfield, Mass.

Dracaena indivisa, from open field, fine stock, $3.00 per doz. Cash, please. Louis Bauscher, Freeport, Ill.

Dracaena indivisa. 3-in. pot size, $1.00 per doz. A. & G. Rosbach, Pemberton, N. J.

Dracaena Indivisa, 6-inch, $15.00. Cash with order. A. W. Hoyle, Spencer, Mass.

ERICAS.

Ericas for delivery from Oct. 1. Erica fragrans. Christmas variety, small plants, $10.00 per 100; 2-year-old, set with buds ready for Christmas forcing, $50.00, $75.00 and $100.00 per 100. Larger plants, up to $5.00 each. Erica Wilmoreana, well set with buds for Christmas, $50.00 and $75.00 per 100.

Varieties which will bloom after Christmas and for Easter—Erica cupressina, the best, $75.00 and $100.00 per 100. Erica pers. alba, $6.00 and $9.00 per doz. Erica pers. rosea, $6.00 and $9.00 per doz.

Small plants for ferneries, etc., which will bloom this fall and winter—Erica pers. rubra, $10.00, $15.00 and $20.00 per 100, 3½ in.; pink. Erica gracilis autumnalis, $20.00 per 100; pink. Erica pers. alba, $8.00, $10.00 and $15.00 per 100. Erica pers. rosea, $8.00, $10.00 and $15.00 per 100.

Cash with order from unknown parties. When ordering add to a $10.00 order 50c for packing; $25.00, $1.00; $50.00, $1.50; $75.00, $2.00; $100.00, $2.50.

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Our stock is larger than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Adiantum Cuneatum	5-inch	$2.00	$15.00
Pteris Serrulata	2-inch	.50	4.00
Pteris Tremula	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Exaltata	6-inch	3.00	20.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	4-inch	2.00	
Nephrolepis Bostoniensis	5-inch	3.00	
Nephrolepis Bostoniensis	6-inch	5.00	
Nephrolepis Bostoniensis, 7-inch pans, $9.00 per doz.			
Nephrolepis cord, comp.	5-inch	2.00	15.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Big Boston ferns; pot-grown, ready for 8, 9 and 10s; 20 to 30 fronds, two to three feet long. There is money in them for you as they are just what you want for your fall trade. 1st size $1.00, 2nd size 75c each. Get them while they are going. A. J. Baldwin, Newark, Ohio.

Boston fern. Extra fine strong plants, from the bench. Prices, 25c, 35c, and 50c. This is an opportunity to secure the very best stock for the money yet offered. Also fine specimen plants, in pans, at $1.00, $2.00 and $3.50 f. o. b. New York City. Cooke & McCord, Tarrytown, N. Y.

Fern spores. We are headquarters. Extra large pkt., sufficient for 3000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00 postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
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Boston ferns. A few hundred from 6-in. pans, $4.00 per doz.; $25.00 per 100. This is the original and genuine, look out for "fake" stock. Above price for immediate sale and cash with order.
Freeman & Fletcher, Auburndale, Mass.

Hardy ferns for cultivation; 40 varieties; try them in your planting, they will thrive and increase in size and beauty where other plants fail. Catalogue of these and other herbaceous perennials. Edw. Gillett, Southwick, Mass.

N. cordata compacta, old plants from bench, $6.00 per 100; small plants $1.00 per 100. Will exchange 100 old plants for 50 each M. de Layer and Mrs. E. G. Hill geraniums. Cash with order. H. P. Smith, Piqua, Ohio.

Japan Fern Balls. December delivery. Secure stock now. It will be scarce. Get bona-fide long leaved variety, same we imported first in 1878. H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns and Davallioides furcans, extra fine, from bench, ready for 4-in. pots, 10c; 5-in., 15c; 6-in., 25c. Cash with order, or 25 per cent if C. O. D. A. Nelson, Box 1450, Paterson, N. J.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1000; largest size, $6.00 to $20 per 100; not less than 250 at 1000 rate. Wm. A. Bock, No. Cambridge, Mass.

Polystychum prolifera (Lace fern), 3-in. pot size, $1.00 per doz.; mailing size, 35c. Selaginella Emmeliana, 2½-in. pots, 50c per doz. A. & G. Rosbach, Pemberton, N. J.

Boston fern and New Sword fern. Large plants. Cheap. Prices on application. W. B. Woodruff, florist, Westfield, N. J.

Boston Ferns, 4-in., $10.00; 5-in., $15.00; 6-in., $20.00. Cash with order. A. W. Hoyle, Spencer, Mass.

Boston ferns, to clean up, 2½-in., $2.50, 3-in., $5.00 per 100. Conard & Jones Co., West Grove, Pa.

Boston ferns, fine plants, 5-in., $3.00, 6-in., $4.50, 7-in., $6.00 per doz.
Converse Greenhouses, Webster, Mass.

Boston Ferns from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Boston ferns, 5-in., 10 to 15 fronds, 2 ft., 15c. Cash please.
Benj. Connell, West Grove, Pa.

15,000 extra fine Boston ferns in all sizes of pots now ready for shipment. Write for prices.
Geo. A. Kuhl, Pekin, Ill.

Jardiniere ferns, elegant stock, $3.00 per 100; $25.00 per 1,000. J. B. Heiss, Dayton, Ohio.

For Boston ferns write John Welsh Young, Germantown, Pa.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100
6	22 to 23	12 to 14	$0.75	$ 7.20	$ 60.00
7	24 to 28	14 to 16		10.00	75.00
8	28 to 34	16 to 18		12.00	100.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Ficus elastica, in fine condition, grown in 6-in. pots, $4.00 per doz.
C. Elsele, 11th and Jefferson Sts., Philadelphia, Pa.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Ficus elastica, perfect specimens, 15-18 inches high, $3.25 per doz.; $25.00 per 100. The Good & Reese Co., Springfield, Ohio.

Rubbers 30 inches high, $5.00 per doz. Chas. Iffinger, P. O. Box 162, Ozone Park, L. I.

FORGET-ME-NOTS.

Forget Me Nots (winter), 2-in., $3.00; 4-in., very strong, $6.00 per 100; rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

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All varieties of fruit trees and every one warranted true to name.
W. W. Pullen, Milford, Del.

Peach trees, 1 year from bud, 2 to 4c each. R. S. Johnston, Box 62, Stockley, Del.

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Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1000. P. J. Berckmans Co., Augusta Ga.

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The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
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Geraniums, choice mixed, 2½-in., $1.50 per 100; $12.50 per 1000. Rose geranium, scented, $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

1000 Bruanti, the best scarlet geranium, strong 3-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Gen. Grant, S. A. Nutt, good plants, 2½-in., $2.50 per 100.
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Geraniums, 100,000 rooted cuttings, send for prices. Greene & Underhill, Watertown, N. Y.

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Grevillea Robusta, 4-inch, $5.00. Cash. A. W. Hoyle, Spencer, Mass.

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Hardy Herbaceous Plants. Ready to ship now. Plant early and let them get established before winter. All strong individual clumps.

	Per 100.
Achillea The Pearl, 3½-in. pots, very fine.	$4.00
Alyssum Saxatile Compacta, field-grown..	5.00
Artemisia (wormwood), field-grown.....	5.00
Astilbe Japonica, 5½-in. pots	6.00
Aster Novae-Angliae, 3½-in. pots	5.00
Aster Pyramidalis Hybrida, 3½-in. pots..	5.00
Anthemis Kelwayi, 3½-in. pots	5.00
Aquilegia Vulgaris, mixed, field-grown..	5.00
" " dbl. white, field-grown..	6.00
" Chrysantha, field-grown	6.00
" Caerulea, field-grown	7.00
Caryopteris Masticanthus, 3½-in. pots....	4.00
Hardy Chrysan'mums, asst., field-grown..	4.00
Coreopsis Lanceolata, 3½-in. pots.....	4.00
Campanula Pyramidalis, blue or white, field-grown	5.00
Chrysanthemum Uliginosum, field-grown..	6.00
Delphinium Formosum	5.00
Dicentra Spectabilis, field-grown	6.00
Dianthus Barbatus, field-grown	4.00
Digitalis Monstrosa, field-grown.....	5.00
Funkia Subcordata Grandiflora, field-grown	8.00
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Gypsophila Paniculata, field-grown.....	5.00
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Hardy Pinks, 5 fine sorts, 3½-in. pots....	4.00
Hemerocallis Flava, field-grown.....	4.00
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Hibiscus Crimson Eye, 3½-in. pots.....	3.00
Iberis Gibraltarica, field-grown	5.00
Japanese Primrose, 3½-in. pots.....	7.00
Pyrethrum Roseum, field-grown	5.00
Pentstemon, assorted, field-grown.....	5.00
Scabiosa Caucasica, field-grown	6.00
Statice Latifolia, field-grown	7.00
Monarda Didyma, field-grown	5.00

Edward B. Jackson, Stamford, Conn.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilia paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas S. Dutton, 85 West 12th St., Holland, Mich.

California Privet. Strong, stocky plants as follows: 20 to 30-in., 2 yrs., good, $2.50 per 100, $20.00 per 1000; 2 to 3 ft., fine, $3.00 per 100, $25.00 per 1000; 3 to 4 ft., extra fine, $4.00 per 100, $35.00 per 1000; 4 to 5 feet, very heavy, $5.00 per 100. All packed free of charge.
Chas. Black, Hightstown, N. J.

Dianthus barbatus (Sweet William), single, finest mixed colors, transplanted, $1.50 per 100. Dianthus (Japan Pinks), double, finest mixed colors, transplanted, $2.00 per 100. Hemerocallis flava (Lemon Lily), $2.00 per 100. S. J. Galloway, Eaton, Ohio.

Choice California Privet for hedges, $1.50 to $4.00 per 100; large 4-year, $7.00. Rose of Sharon, large, $8.00. Boston Ivy, all vines, shrubs and trees. Cuttings of California Privet. Atlantic Coast Nurseries, 606 4th Ave., Asbury Park, N. J. James H. Cornell, proprietor.

Rudbeckia, or Golden Glow. Most showy plant for mid-summer season, a plant which should be in every garden. Strong, single grounds of same, $2.00 per 100; $15.00 per 1,000. Cash with order please. Wm. A. Finger, Hicksville, L. I., N. Y.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Have a Grandmother's Garden! Old-fashioned Roses, Honeysuckles and Hardy Shrubs at low rates. Ready November 1. The Grove Gardens, Box 29, Delaplane, Va., Fauquier Co.

About 300 kinds of hardy perennials, lilies, orchids, ferns, campanulas, delphiniums, hardy pinks, iris, lychnis, aquileglas. Catalogue sent. Edw. Gillett, Southwick, Mass.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Choice shrubbery at lowest surplus prices. All first-class transplanted stock. Also evergreens and shade trees, cheap. E. S. Peterson & Sons, Box 20, Montrose, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Fruit and ornamental trees, shrubs, vines and roses. Write for price list or send your lists of wants for special prices.
W. & T. Smith Co., Geneva, N. Y.

American tree seeds. Our descriptive catalogue of American seeds is just out. Ask for it. Pinehurst Nurseries, Pinehurst, N. C.

5000 Euonymus Japonica (green), 3 years 24 to 30 in., at $15.00 per 100. Myrtle (Vinca Minor), at $5.00 per 100. Cash with order. T. B. Hyatt & Son, Winfield Junction, N. Y.

Send for trade list, now ready, of tree and shrub seeds, tree seedlings, etc. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Hardy grass pinks, clumps, $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

HELIOTROPE.

Heliotrope, 3 var., 2-in., $2.00 per 100.
Converse Greenhouses, Webster, Mass.

HYDRANGEAS.

Otaksa, Red-Branched and Thos. Hogg, magnificent, strong plants, with 4 to 7 crowns, $10.00 per 100; $85.00 per 1000. Jackson & Perkins Co., Newark, N. Y.

I have 100 Hydrangea Otaksa, field-grown, ready for 8 and 9-in. pots at $2.50 per doz., or the 100 for $15.00. Charlie E. Clark, Woodford, Maine.

Hydrangeas, 3 to 6 crowns, $6.00 per 100; 6 to 12 crowns, $10.00 per 100. Chas. Iffinger, P. O. Box 162, Ozone Park, L. I.

Hydrangea Otaksa, 3-in., $3.00; 4-in., $5.00; 5-in., $10.00; 6-in., $12.00. Cash. A. W. Hoyle, Spencer, Mass.

IVY.

Rooted runners of hardy ivies. 1 to 2 ft. long, $3.00 per 100; 2 to 4 ft. long, $5.00 per 100. Special prices on 1000 lots. E. Volmer, 336 Central ave., Jersey City Heights, N. J.

English ivy, strong, $4.00 per 100. Cash with order. Frank Jencek. Box 238, Newport, R. I.

LANTANAS.

Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

LEMONS.

Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100. Strong plants ready to bloom at once, $1.50 per doz.
Good & Reese Co., Springfield, Ohio.

LILY OF THE VALLEY.

3-year-old clumps, 8 to 15 pips each, $2.50 per 100; $18.00 per 1,000. Cash with order.
Wm. A. Finger, Hicksville, L. I., N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

MUSHROOM SPAWN.

We have strictly fresh stock from the best English maker, 10 lbs., $1.00; 25 lbs, $2.00. Special price on large lots.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., $4.50 per 100; $40.00 per 1000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summitt, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Officinalis rubra, dark red, 2 to 3 years old, 4 to 8 crowns, also Paeonia chinensis, in mixture, 2 years old, $6.50 per 100. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

We have 100 named double varieties, selected for florists' use; all good for cut flowers. 1 each of 100 varieties, $15.00; 1 each of 50 varieties, $6.00; 1 each of 25 varieties, $3.00 Standard red, pink and white $1.20 per doz.
Indianapolis Flower & Plant Co., Indianapolis, Ind.

PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

Specimen, 14-in. pots, 8 to 9 ft., very fine and bushy, $25.00 to $30.00 each.

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100
1 plant	2¼	8-10	$15.00
1 plant	3	10-12	20.00
1 plant	4	18 each	.50
3 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	3.00	each

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	
8	42 to 48	6	3.25	39.00	300.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	.....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	.....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	$2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	.....	.....	.....	$3.00
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6	extra fine		18.00	

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Chamaerops, extra, 18-24 in. high, 4-6 char. lvs., $12.00 per 100. Phoenix canariensis, 2-in. pots, very strong, $6.00 per 100. Large, very fine Phoenix, dracaenas and chamaerops, from 4 to 15 ft. high, in boxes or from open ground, price on application. Sabal Blackburniana, 2-in., $5.00 per 100. Cash. A. Roedder, Shorb, near Los Angeles, Cal.

We are crowded for space and offer great bargains in palms. Latanias, 3-in., $1.00 per doz., $7.00 per 100; 4-in., $2.00 per doz.; 5-in., $4.00 per doz.; 6-in., $8.00 per doz. Phoenix reclinata, extra strong, 6-in., $8.00 per doz.
Brown & Canfield, Springfield, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS

PALMS—Continued.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-23	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Palms from 10c to $25.00 each.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

For palms and other decorative plants write N. Studer, Anacostia, D. C.

PALM SEED.

Fresh 1900 Kentia seed. We offer until sold, Kentia Belmoreana and Forsteriana at $3.00 per 1000 seeds, net; 100 seed by mail 65c. Guaranteed. H. H. Berger & Co., 47 Barclay st., New York.

Kentia Belmoreana, fresh importation just arrived in prime condition, 1000 at $4.00 per 1000; 5,000 at $3.75 per 1000; 10,000 at $3.50 per 1000. Jackson & Perkins Co., Newark, New York.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Fine, stocky, field-grown plants of the famous Diamond strain; largest in size and greatest variety of rich and rare colors; over 60 distinct sorts and an endless variety of shades and markings; all colors, mixed, by express, $4.00 per 1,000; $2.25 per 500: by mail postpaid 75c per 100. Cash with order. Pansies a specialty for 25 years. L. W. Goodell, Pansy Park, Dwight, Mass.

50,000 pansies. Choice, large-blooming strain, strong and stocky, plants grown thinly in open field. Mixed colors, by express, $4.00 per 1,000. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Pansies. Harris's improved strain of large and extra fine colors. Plants from seed bed, 60 cts. per 100 by mail; $4.00 per 1000. Cash. C. A. Harris & Co., Delanson, N. Y.

Pansies. Strong plants ready now. Strain remarkable for size and color of bloom. By mail 50c per 100; by express $3.00 per 1000. E. Fryer, Batavia, Ill.

Pansy plants, large flowering, 6 leaves, 40c per 100; $2.50 per 1000. Morris Floral Co., Morris, Ill.

Pansy plants, large flowering, 50c per 100; $2.50 per 1000. Ready Nov. 10.
Jos. H. Cunningham, Delaware, Ohio.

Giant Trimardeau, strong and stocky, 75c per 100 by mail; $5.00 per 1000 by express.
Harry White, New Holland, Ind.

PRIMROSES.

Special Offer. 10,000 Chinese Primroses. For the next two weeks we will sell our finest strain of separate colors, single and double primroses for $2.50 per 100; $20.00 per 1000. All colors mixed, $2.00 per 100; $15.00 per 1000. Plants are extra fine, 2½ inch pots. Terms cash. Address S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

Primroses. A1 plants from 2½-in., $2.00 per 100, 35c per doz.; 3-in., $5.00 per 100. All will bloom for Christmas. Jno. E. De Walt, Box 82, Carlisle, Pa.

Chinese primroses, 3-in., good, healthy stock, strong plants, $1.00 per doz.; 2 doz., $1.75. Cash, please. Louis Bauscher, Freeport, Ill.

Chinese, mixed, large flowering fringed, $1.25 per 100; Obconica grandiflora and rosea, $2.00 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

Chinese primroses, red, white and mixed, 2-in., $1.50, 3-in., $2.50 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primroses, latest improved, large flowering, fine plants, ready for 3½-in., $1.50 per 100.
J. W. Miller, Hatton, Pa.

Chinese, mixed, 2½-in., $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

Baby Primrose, 200 strong 2½-in., $4.00 the lot. Roney Bros., West Grove, Pa.

Primroses, mixed, 2½-in. $2.00 per 100. M. & S. L. Dysinger, Albion, Mich.

Baby Primrose, 2¼-in., $4.00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Primroses, 3-in., $5.00 per 100.
Converse Greenhouses, Webster, Mass.

ROSES.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000. Liberty, 12 plants for $7.20, 25 for 12.50, 50 for $15.00, 100 for $28.00.
Wood Bros., Fishkill, N. Y.

Rosa rugosa, 18 to 24 inches, $5.00 per 100, 6 to 12 inches, seedlings, $12.00 per 1000. Crimson Ramblers, 18 to 24 inches, strong, $6.00 per 100. The above are field-grown. Cash with order. Frank Jencek, Box 238, Newport, R. I.

American Beauty, 4-in., selected, $15.00 per 100. Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00. A. S. MacBean, Lakewood, N. J.

Strong Brides, Meteors, Maids, 3-in., 12 to 18 inches high, $2.00 per 100. Golden Gates, Perles, 2½-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

Per 100: Beauties and Maids, 3-in., $3.00; Meteors, 3½-in., extra strong, $4.00; President Carnot, 4-in., $7.00. All strong, healthy plants.
Brown & Canfield, Springfield, Ill.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.
R. H. Murphey, Urbana, Ohio.

Marechal Niel roses, 15 inches and over in height, healthy plants, $4.00 per 100; $35.00 per 1000. Good & Reese Co., Springfield, Ohio.

Make us an offer on 1,000 Perles, 2,000 Maids and 500 Meteors. Make us an offer, we must have the room. Geo. A. Kuhl, Pekin, Ill.

Roses for the South. Varieties best adapted for southern planting, stock A 1. Write for price list. J. B. Heiss, Dayton, Ohio.

Bride, Bridesmaid and Perle, field-grown, $5.00 per 100; $40.00 per 1000. Morris Floral Co., Morris, Ill.

Maids and Brides in 3-in., to close out, $2.50 per 100. Crabb & Hunter, Grand Rapids, Mich.

Field-grown roses, $8.00 per 100. Crimson Rambler, 2 to 4 ft. Wm. K. Nelson, Augusta, Ga.

Strong, 2-year field-grown Baltimore Belle, own roots, $2.00 per doz.
S. J. Galloway, Eaton, Ohio.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIAS.

The two new Russelias, Lemoinei multiflora and Lemoinei elegantissima, 50c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvia splendens, rooted cuttings, $1.00 per 100. South Side Floral Co., Springfield, Ill.

SEEDS.

Cyclamen giganteum, fine, mixed, $12.00 per oz.; 100 seeds 50c. Hardy Primulas, trade pkt., 20c.; oz. $4.00. Yellow primulas, trade pkt., 25c. Vinca, mixed, $1.00 per oz. Pansy, giant Mme. Perret, the finest pansy in the market, extra strong grower, large-flowering, most all colors, the only one fit for cut flowers, per pkt., 25c; per oz., $4.00. Melle Cecile Davy, the only pansy in the market, stands more hot weather than any other kind, trade pkt., 25c; oz. $4.00
Beaulieu, Woodhaven, N. Y.

Sweet Pea seed, early forcing sorts, 25c per lb. Smilax seed, 30c per oz. A. Sprengeri seed, 100, 50c; 1000, $4.00. Benary's finest stock, 10 weeks, separate colors or mixed—white, blue, red, rose—pkt., 10c; trade pkt., 25c. H. H. Berger & Co., 47 Barclay St., New York.

Pansy, Giant German-American, mxd, $5.00 per oz. Large fl. English Cineraria or Primula, mxd, 50c per pkt. Cyclamen, Giant English, mxd, $1.00 per 100s. Rolker's Superior Primula, mxd, $1.50 per 1-16 oz.
August Rolker & Sons, 52 Dey St., N. Y.

Choice, hand-fertilized, pedigree carnation seed grown from all the leading varieties, 100 seeds, 25c; 1000 seeds, $2.00; 500 at 1000 rate. Try it. S. Lenton, Box 264, Long Beach, Cal.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, giant flowering, mixed, $1.00 per oz. Morris Floral Co., Morris, Ill.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Smilax plants, to make room, extra strong, from 3-in. pots, $1.25; 2½-in., 75c per 100. Cash.
Dann & Son, Westfield, N. Y.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax plants, 3-in., $3.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Smilax, 2½-in., $1.50 per 100.
Converse Greenhouses, Webster, Mass.

SPIRAEA.

Blue and crimson spiraea, 2½-in., fine, 3c; field stock, 6c. Cash.
Benj. Connell, Florist, West Grove, Pa.

100 red spiraea, field, $4.00; 300 blue spiraea, field, for $10.00. Cash. Roney Bros., West Grove, Pa.

STEVIA.

Stevia, 7 and 8-in. pots, 20 to 25 shoots, $1.50 per doz. C. C. Pollworth Co., Milwaukee, Wis.

VEGETABLE PLANTS.

Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1000, $8.50 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball, 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

Cabbage plants—New Early, H. Succession, early and late Flat Dutch, Charleston, Jersey Wakefield, $1.00 per 1,000; 75c per 1,000 in 10,000 lots. Lettuce plants—Big Boston, Boston Market, White Loaf, Tennis Ball, $1.00 per 1,000; 75c per 1,000 in 10,000 lots. Cash. J. S. Linthicum, Woodwardville, Md.

Asparagus Roots. We have to offer 100,000 Palmetto, 400,000 Conover's Colossal Asparagus Roots, also 150,000 Barr's Mammoth, all strong, vigorous 2-year-old roots, and are now prepared to receive orders for delivery in the fall of 1900 and spring of 1901. Send for price list. Wm. R. Bishop, Seedsman, Burlington, N. J.

VERBENAS.

Lemon verbenas, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 2¼-in. $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
Greene & Underhill, Watertown, N. Y.

500 variegated vincas. Strong field-grown plants, vines 3 to 5 ft. long, $10.00 per 100. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

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Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

Vinca major var., field-grown, 2 to 3 ft., fine, $6.00 per 100. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Vincas, field-grown, $3.00 and $4.00 per 100. W. F. Kasting, 481 Washington St. Buffalo, N. Y.

Major var., strong field-clumps, 8 to 10 vines, 2 to 4 inches long, $4.00 per 100. Cash.
Dann & Son, Westfield, N. Y.

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Money in violets. Practice the methods of culture and marketing explained in Professor Gallaway's book, Commercial Violet Culture, 224 pages, elegantly printed and illustrated, price, postpaid, $1.50. Other books of same publishers are The Water Garden, by Wm. Tricker, price $2.00; Commercial Plants, by G. W. Oliver, price $1.00. Residential Sites and Environments (Landscape Gardening), by J. F. Johnson, price $2.50. Send for Catalogue. Address A. T. De La Mare, Ptg. & Pub. Co., Ltd., 2 Duane St., New York.

La France and Princess of Wales violets, large, field-grown plants, $5.00 per 100. The California, clumps from open ground, $3.00 per 100; $25.00 per 1000.
C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

California violets, 8 to 15 inches across clumps, extra fine stock, $3.00 per 100. 250 Campbell in prime order, $4.00 per 100, or $9.00 for the lot to close out. Albert H. Brown, Westboro, Mass.

Field-grown violets, $5.00 per 100; $40.00 per 1000. Pot-grown, 3-in., $3.00 per 100; 4-in., $4.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

California clumps, fine, $3.00 per 100. L. H. Campbell clumps, fine, $5.00 per 100. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Extra strong, field-grown clumps. California, $4.00; Princess of Wales, $5.00 per 100. Nathan Smith & Son, Adrian, Mich.

Marie Louise violets from 2½ and 3-in. pots, $2.50 to $3.00 per 100; $25.00 to $30.00 per 1,000.
A. S. MacBean, Lakewood, N. J.

California, field-grown, strong and healthy, $5.00 per 100. Geo. F. Curwen, Villa Nova, Pa.

Farquhar, 2¼-in., free from disease, $2.50 per 100. Greene & Underhill, Watertown, N. Y.

TO EXCHANGE.

Begonias. 10 choice varieties, 2½-in., $1.50 per 100, or will exchange for Daybreak carnations or Poitevine geraniums. A. Brumley, Birmingham, Iowa.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

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Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind.
Holly, finest quality; any quantity. Sample 10-lb. box, $1.00. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Holly, Holly Wreaths and Laurel. C. E. Brown, Bridgeville, Del., packer and dealer in bright, green, well berried holly in small and car lots.

Southern wild smilax. New crop now ready for shipment. Write for circular and price list. J. G. Barrow, Red Level, Ala.

Hardy cut ferns 75c per 1000, in 1000 lots. Bouquet Green, Christmas trees, etc. L. B. Brague, Hinsdale, Mass.

Bouquet Green, Holly, Evergreen, Christmas Decorations, etc. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Ferns, 75c per 1000. Laurel festooning, the best, 4 to 6c per yard. Crowl Fern Co., Millington, Mass.

The best grade of bright green, well berried holly, fresh from the swamps.
W. W. Pullen, Milford, Del.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

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COLUMBUS, O.—Plans are being made for a flower show in the Auditorium some time in November.

DENVER, COLO.—The Denver florists' club has appointed the following committee to manage the chrysanthemum show which will be held in the City park in November: J. A. Valentine, A. J. Graham, E. A. Mauff, A. M. Lewis and Bernard Beer.

GOOD TOOLS are always a good investment. Among the very best and most valuable is a copy of the Florists' Manual, by Wm. Scott.



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The Whilldin Pottery Co.

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MANUFACTURERS OF

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LONG ISLAND CITY, N. Y. JERSEY CITY, N. J.

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Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

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They get up a good fire with the hard coal and then follow with the tanbark. The latter costs only 25 cents a load, and gives about as much heat as coal. It is usually in about the right condition for fuel, as it comes from the tannery, but if it is rather dry they wet it.

DIXON, ILL.—Business so far in October has been unusually good. The funeral of Undertaker J. E. Camp was very largely attended by out of town undertakers. Mr. Camp was universally loved and respected by all. The floral offerings were among the best ever seen here and much credit is due the Ladies of St. Agnes' Guild, who had charge of the decorations.

GERMANTOWN, PA.—The rapid increase of business has made it necessary for Thomas Meehan & Sons, the nurserymen, to erect a fine two-story addition to their office. This firm reports an excellent prospect for fall trade.

DES MOINES, IA.—W. L. Morris has leased the store at 609 Walnut street and will occupy it after November 1.

CHILLICOTHE, O.—Geo. H. Ede has arrived from Chicago to take charge of the McKellar greenhouses.

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CAN BE KEPT OFF THE LAWN WITH LITTLE EFFORT IF YOU HAVE A

FINLEY ROTARY LAWN RAKE.



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The wind can't blow them about after once raked. It does the work much better than the hand rake, and does it three times as fast. It takes up grass, either long or short, twigs and loose litter of any kind, stones included, that a hand rake would not touch. It will save its cost in 60 days on any good lawn. **Price, $12.00.**

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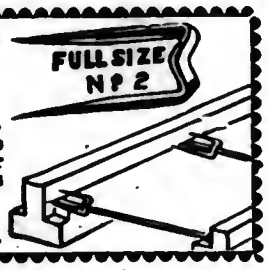
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I like the "Review" and am well plessed with the "Florists' Manual," which I received some time ago. Wm. Freed.
Spry, Pa.

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Zanesville, O.

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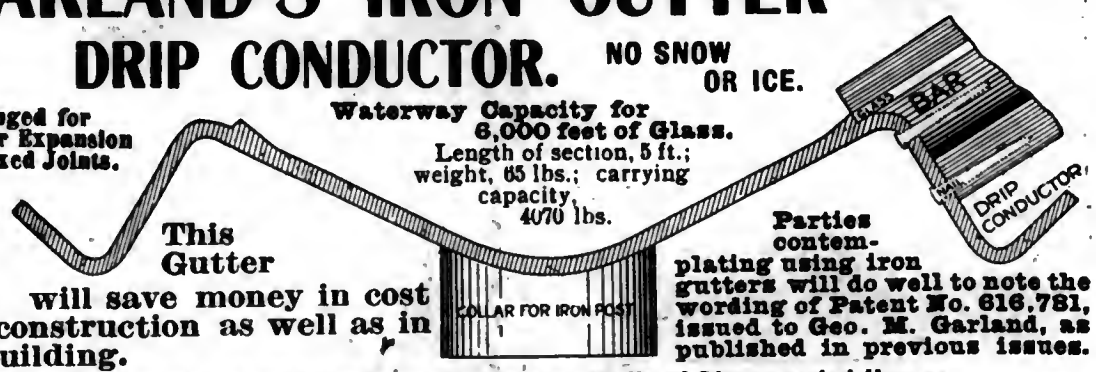
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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, NOVEMBER 1, 1900. No. 153.

Nephrolepis Wittboldii

We still have a fine stock of our new Nephrolepis, and will fill orders promptly. Florists will do well to get some of the early stock; it is a great addition to the family and a sure winner. Everyone will want it as soon as it is known. Plants from bench, ready for 3 and 4-inch pots, $1.00 each, $10.00 per dozen.

See our Fall List in Classified Advs. under headings Palms, Ferns, Asparagus, Araucarias, Ficus and Cycas.

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Violets, Valley, American Beauties

SPECIALTIES WE CARRY.

SEE ADV. PAGE 655.

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ROSES, CARNATIONS
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ESTABLISHED 1802

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Lilium Longiflorum Japan,	Per 100	Per 1000
5 to 7-in	$2.00	$18.00
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(Late of 15 John Street)
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Fourteen Houses of Stock Plants.

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7-9 inch size is generally scarce, but we have a very fine stock of this size still on hand—a lot of bulbs that were left in the ground and dug late, and in consequence they are in grand shape. Bulbs are plump, bright and clean, and as fine a lot of Harrisii as anyone would want to handle. We can supply these, as long as unsold, as follows:—
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Order at Once, Before we are Sold Out.

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SOUTHERN WILD SMILAX
—WITH—
CALDWELL THE WOODSMAN CO., Evergreen, Ala.,

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H. BAYERSDORFER & CO.

CYCAS WREATHS, MOSS WREATHS, FERNERIES and JARDINIERES, WHEAT SHEAVES and IMMORTELLES.

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and BOSTONS

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THE RETAIL FLORIST.....

Table Decorations.

We are on the eve of the annual chrysanthemum shows, and many are thinking of what they will exhibit. Some of our friends have written us asking for pointers or information and suggestions on what is new or best to do, particularly in the matter of table decoration. We will talk to the crowd, and if anything suits them they are welcome.

In the first place, the word "new" as applied to table decoration worries the intending exhibitor more than anything else. It is often a superfluous nightmare brought on by overheated thoughts. Not one judge in a hundred can demonstrate what is new. They have opinions, of course, which guide them to a verdict, but that does not establish the fact. Many an "uncommon" design has been put up as "new" and received an award as such.

It is a mistake to arrive at the conclusion that "there is nothing new under the sun," for there will always be something new whilst mankind is dissatisfied, but you will find ninety-nine imitators to one originator, especially in the best parts. Floral art has by no means reached the zenith of its glory; no matter how high the man's reputation or way of doing things, there is still unlimited room above him. Were the best heads in each city put together they could completely revolutionize the business. But in the case of new designs it is a matter of continuous study, and let us say that new designs are rarely demanded by exhibition schedules, and are seldom appreciated at their full value. You are sure to get better results from arranging an old design in a new way than from arranging a new design in a clumsy way.

Table decorations and any other kind of decorations depend on "finish" even more than it does on "design" in a way, and many a prize has been lost through lack of finish. We would recommend all intending exhibitors to try to do their prettiest, independent of the craze for newness, paying close attention to the language of the schedule, no matter what that is. We have never yet seen one that would induce the poor florist to compete with his ability against the rich florist; quality of material has always and will always win against quality of arrangement, whilst the present system is in force.

One thing can and should be enforced —that is, all tables should be of the same size and shape. At many of the shows you will see square tables, round tables and long tables in competition against each other, and where center-pieces only are asked for you will see some two and three times the size of others, all of which is unfair. Most of the schedules do not specify what is all important to the exhibitors; each is left to figure for himself. Round or oval tables are the only ones suited to a public exhibition, and every manager should insist on fair treatment to all; this is a vital point, and we would advise intending exhibitors to have it settled at once.

A round center piece on a long or square table never shows to advantage. There are certain laws governing table decorations which should be recognized more than they are. Where a centerpiece is placed on a table intended for special decoration of such table it should not interfere with the space required for serving dinner; if it does, that, more than any other point, ought to disqualify. Breakfast, lunch and dinner tables ought to be treated differently. What is among the wealthy usually termed the dinner table should be most elaborate, and on this the decoration should never be allowed to obstruct the view. This does not prevent you from using tall effects, some very pretty tables can be made by the tall slender vase and large flowers, but that class of arrangement seldom beats the low one.

If you are good at making rose trees, an opportunity may occur where such would take well in place of the vase, but that is more difficult, and the majority of chances are against you. It all depends on the size of the table, but the average size, say for seating from 12 to 20 people, should have a clear space of from 16 to 18 inches for service. Some people who have fine dishes or other ware to display often insist on 24 inches of space. By this we don't mean that a centerpiece should end stiffly at such a measurement, for that is where you would spoil everything; we mean that flowers, greens or ribbons should not be placed to in any way interfere with the service.

Some decorators never want to stop until they cover the entire table; we have seen them tie bows of ribbon on the candlesticks and silver vases, and often wondered how the knives and forks escaped. Garlands of greens and ribbons have partitioned each guest and all made to feel uncomfortable. These types of decoration often find their way to flower shows and there, too, very often they are rewarded.

When we say a table decoration should not obstruct the view, we don't mean that you should have your design arranged in pancake fashion; use a small sized basket or bowl and leave your flowers long stemmed. Never put up a formal, compact affair, always attempt the irregular, placing your best blooms where they will show to best advantage.

Suggested Combinations.

Let us run over a few of the good things. Flat basket or dish of Farleyense and Liberty or Meteor roses (good Liberties and Farleyense will be hard to beat). Knock ferns out of pots, cut off half the soil; fix in wet green moss, make basket look as if a mass of growing fern; have fronds well down on table, completely hiding basket, take poorest and shortest roses first, and then the finest ones; don't spoil effect of fern by overcrowding; roses should be about two or three inches from each other; not too much of their foliage shown; keep both as natural as possible; don't have arrangement flat; fix a few best blooms to stand above others, highest need not be above 13 or 14 inches from table, very finest flowers can face the guests, and here and there one or two on cloth, ends in basket or fern.

Another: Take low Venetian vase or large punch bowl. If of glass, fill up bowl with rose foliage, use no moss; get some blind wood first; fix the foliage as if it were a low growing rose bush, having some small and half open buds where they will show to advantage (no fern should be used in a properly arranged bowl of roses); do as in the case of the basket, use poorest (if any) blooms and finish off with the best and longest; a branch of young growth, with some buds, is of more value than a dozen roses sometimes. Don't try to cover the bowl, that's why we put rose foliage instead of moss in it. Do your prettiest and avoid the cabbage design. Roses in a bowl need not be even as regular as those in a basket, and they can be closer together. You will spoil all by a too studied regularity. The majority of florists belittle the difficulties of properly arranging a basket or bowl of roses, but the minority only can do it.

Any other rose can be arranged in the same manner. Red is usually the most impressive. Golden Gates, Morgans, Beauties, Bridesmaids, Cusins, Lady Dorotheas, Perles or Testouts can be used, but your best chances will be with Liberties, Meteors, Testouts. Good Golden Gates may win because of their novelty. Unless for a bride's table white should never be used.

A well arranged bowl of carnations may succeed, yet the chances are that the judge is partial, or other arrangements are inferior. Where carnations are used, flowers, buds and foliage of that flower only should be visible or prominent.

Orchids.

In the case of orchids we sometimes see designs in the shape of cork bark logs and other things put on the table, and those who do this forget that diners at such a table would be continually watching for ants or other insects creeping from the logs. Don't do it.

Farleyense is the best fern to use with orchids, and if you use cattleyas be careful to place them so their lips will show, for that is the best part of them. You might use a few Dendrobium phalaenopsis to break the stiffness, but they don't harmonize with every cattleya. These flowers undoubtedly make a rich table, but it is more difficult to arrange them. Don't attempt one unless you have sufficient material to make it look good, and it will always be better if you can save the best sprays for corsage bouquets. Use no green with them, just twist the stem with narrow velvet or panne ribbon of the same color as the flower and place them facing outwards, to the right or left of the end of each lady's plate. Florets of light colored Dendrobium phalaenopsis should be used for the gentlemen's bontonnieres.

Whenever you arrange a table for competition at a show try to make everything on the table harmonize. Have the flowers to be worn of the same kind as your center piece if at all appropriate. You might do well with lady judges by a careful use of the newest ribbons, but they should be subservient, not a dominant feature.

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Where you are expected to show a completely furnished table, that is cloth, dishes and all that goes to constitute a properly set table (which we will tell you next week), be correct and up to date. Some use lace covered mats to match the flowers, the candy and dishes, and even the fruits are selected to suit the flowers; and as for the candle and shades, well, they are responsible for many a one losing the prize. Don't have any cumbersome arrangements or fighting colors; dainty, right-colored shades do more to make or mar your table than you imagine; so be careful to get the best and select them in daylight.

Chrysanthemums.

In the matter of chrysanthemums, pink or yellow are the safest colors to depend on. Once in a while a white table wins, but when it does the credit is due to finish or arrangement and not to color. Farleyense and yellow chrysanthemums of the incurved class make a fine table. They are apt to look richer than all others in day time. Pink chrysanthemums are best at night, but you must get the right shade. Helen Blood-good is probably the best. Harry Balsley sometimes show up good, but then there are many others.

We would not depend entirely on large blooms for a chrysanthemum table. I rather think if I were to arrange a table with one pretty variety of yellow pompons and Japanese maples, and have the entire table, the chairs and lights in Japanese effects, I would push you pretty hard with your large blooms and Farleyense.

Funeral designs of the Faith, Hope and Charity, gates ajar, broken column or pillow types, are not the right kind to exhibit at shows. The flat bunch or wreath are the prettiest. More Brides' and Bridesmaids' bouquets should be shown, and they should be judged by weight and finish as much as by arrangement.

Plants at Exhibitions.

Anyone can arrange a mound of plants. There is nothing to that kind of an exhibit. People glance at such and walk away, often without even thinking the group is pretty. If you wish to advertise your store or help along the show, just set to work and fix up a grotto, or arbor, or archway, or some nook in a corner. Put a rustic table and seats for two in your design, have a Japanese or Venetian hanging lamp there, too. Don't let the people in your space fence it off with some pretty rope; have them admire your work. We know we need not go into detail when speaking to some of the boys, but we see too many formal groups of plants at exhibitions. The people don't and can't be forced to admire them.

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As Christmas approaches we begin to consider what we can profitably grow to give variety in pot plants for holiday sales.

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Evanston carnation is also good for this purpose. If potted into 5-inch and brought along with a little feeding the plants can be depended upon to give a good crop of flowers and be in fine salable condition at the time wanted.

Mayor Pingree carnation makes an excellent pot plant if handled carefully and given a little higher temperature. It is extremely showy with its tall, straight flower stems.

In roses pot grown Beauties, Souperts and Hermosas can be had in fairly good shape with early ripening and resting and are a most acceptable addition. Some of the newer varieties seem likely to make better pot plants than those above mentioned.

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Those who have not the temperature to force in poinsettias, azaleas and lilies will find the plants I have mentioned, together with cyclamen, Roman hyacinths, Paper White narcissus and primulas profitable for holiday sales, and others will find them useful in adding variety to our limited number of plants for Christmas. JOSEPH REEVE.

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Thanks to the love for the carnation of President McKinley, there is an unusually good demand for this flower at present, but I would advise not allowing the temperature of your houses getting too high in order to get the benefit of this demand, for if you do, you will suffer for it later, and besides, there are other good times coming.

Do not allow the temperature to run over 50 degrees at night, unless your crops are late, in which case you will be all right at as high as 55 degrees, so long as you keep a crack of air on. This should be done anyway, even if you have to resort to firing. This is the best way to keep your plants in good health, and to give you strong, rigid stems; also it keeps the atmosphere and your foliage dry, which is a preventive against rust.

Rust is not the bugaboo it used to be, but at the same time, while it is not so dreaded as formerly, it should be kept down by pinching off the affected leaves, and burning them; a good dusting of flowers of sulphur, and you will not be troubled with rust to any considerable extent for the remainder of the season.

But again in managing this dry atmosphere, it must not be overdone, or you will have cause to regret it with a plague of red spider on your heels that will be more real damage than all the rust I ever saw. On bright days syringe well the walks under the benches, and around the pipes, and don't forget the corners on your rounds, for if you do the spider will be the first to find it out. Syringing the plants on bright, sunny days is very essential, only when it is done let it be done well. Use cold water with as much force as possible, and if you syringe from south side of bench one time, do it from the north side next time, because red spiders are themselves nine-tenths brains, and will be quick to take advantage of a manipulator of the hose.

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We present herewith an engraving from a photograph taken on the veranda of the home of Mr. W. C. Egan, Highland Park, Ill., and giving a view through a frame of vines of the main lawn at Egandale. It is certainly a beautiful picture and the photograph is a remarkable one in that it shows such perfect detail in objects on the veranda, where the light was naturally much more subdued than in the open ground beyond.

It is an instructive picture in many ways. The view of the grounds shows a beautiful bit of landscape, the composition being most excellent, and the placing of the house and arrangement of the grounds to provide such a view from the veranda shows excellent judgment and careful forethought.

Mr. Egan, by the way, is his own landscape gardener, and gives to his grounds his continued personal attention, he having retired from business about ten years ago. The place contains about eight acres and with the work of one regular gardener and an assistant during the summer it is kept in such splendid condition as to excite the admiration of all visitors.

His beautiful grounds, where almost everything that is good in the line of hardy plants and shrubs may be found, and all in the finest possible condition, have conferred an almost incalculable benefit upon Chicago and suburbs in stimulating a taste for fine gardening, and to this excellent example we are indebted for the establishment of other gardens that will in time add their quota of beauty to the suburbs of this city, which having come to "Build stately," is beginning to "Garden finely."

FICUS ELASTICA.

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The rubbers need very little attention and stand plenty of abuse. In a strong soil, a warm corner and copiously watered, they thrive as few plants do. In the hot rooms of the modern dwelling house they do splendidly and always look handsome. The only attention they need, outside of watering, is to have their leaves sponged occasionally.

To work up a large stock of ficus they can be planted out in benches or the solid bed. I prefer the benches as the head cuttings can be thoroughly ripened by withholding water. It is a vital point in taking the cuttings to make sure they are well ripened.

The trouble that so many florists have in rooting ficus from cuttings is the result of soft, unripe wood and from inserting the cuttings in the sand without the cuts being properly cleaned. As soon as the cuttings are taken the ends should be placed in hot water, about 125 degrees, and left there an hour or so, till the water has cooled. By that time the water has dissolved the gummy sap from the cut. After being thoroughly wiped off the leaves can be tied up to economize space and the cuttings placed in the propagating bed. After being cleaned in this way the actual cut comes in contact with the sand, and not as is so often the case, a gummy callous over the cut.

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MISCELLANEOUS SEASONABLE HINTS.

The Amaryllis.

When I was in South Orange a short time ago I saw the amaryllis managed on what could be called a common sense plan, and Mr. Manda said: "That's the way to do it." The amaryllis is not a very important plant, yet there are often a few laying around in a very unsatisfactory state.

They were planted out thickly, were growing like cannas and would be dug up and laid under a bench or in a root-house, as we do cannas. And when you want them to flower, pot them and start them growing. After flowering plant them out again.

Cannas.

You will be putting away your cannas about now. Don't lay them on damp soil or they will start growing. And don't have them where there is a drip from a bench or it will rot them. Lay them on boards in a house where the temperature is about 50 degrees. Under a carnation bench is a good place, and you do not get much if any drip from that, at least not till April comes, and by that time your cannas are started. The same place will do for the caladiums. I have found the basement of a house too dry for both of these.

Carnations.

I have had occasion to remark before now that during October and November the carnations require more care and attention than later, when we get steady cold weather. There are many wet, cool days just now, when a little fire heat is of great benefit. When the thermometer goes below 50 degrees outside you should by all means have some fire heat, and at the same time some ventilation.

Carnations are sending up their flower shoots very fast just now and we have had many beautiful days that just suited their growth. Next to having them well supported, it is important to keep them disbudded. It is a tedious job and never completed. You should go over them at least once a week. Remember that pulling off the buds when the leading one is about fully developed is of little use. How would that do with chrysanthemums? It would be useless. The disbudding of carnations should be done just as soon a you can handle the little buds. In this operation is found the great advantage of 4 and 5-foot benches over those of 6 and 7 feet. Where you have to reach over and strain and grunt and squeeze several important parts of your anatomy you are likely to leave the job undone.

Wherever tobacco stems are cheap, as they are in this city, there is no excuse for greenfly. When you are picking but few flowers the aphis can be killed by fumigation, but when winter comes and you are largely closed down, then plenty of the stems scattered around will keep down the fly. To scatter them on the paths looks slovenly, to throw them on the ground is not good, as they soon rot, and on the heating pipes they prevent radiation. Suspended under the sides of the benches in chicken netting as recommended by Dailledouze Bros. is an excellent plan.

Cyclamen.

They are now all under glass and the earliest are throwing up their flowers and will be in good order for Christmas sales. I once experimented on temperature with cyclamens. I found 45 to 50 degrees at night rather cool, and they made too slow a growth; 60 degrees or slightly above drew them up soft, but 55 degrees at night seemed just about right. On fine mornings they should be given a slight syringing.

We all know how much the cyclamen is troubled with the aphis and how hard to kill when once they have taken possession. When you stand the plants over strew a good lot of tobacco stems between the pots; it will be of the greatest benefit.

You have possibly sown your cyclamen seed. If not, and you want large plants, do so at once. The cyclamen has become such an important plant that most seedsmen now have a good strain. As in many other things, the strain is not so important as good cultivation. The old giganteum type had very fine flowers, but was not quite profuse enough. But there are plenty of strains that flower freely and give you beautiful flowers.

Azaleas.

I made an assertion in last week's Review that I want to correct. I have not been "called down," but by conversation and sweet meditation I am convinced it was quite wrong. I said: "Azaleas that were grown a summer here forced better than newly imported plants." I take it back entirely, for it is contrary to our experience and that of others whose judgment I respect. The summered over plants are most valuable. Plants of Dr. Moore and Bernhard Andreas last Easter beat anything we ever grew from newly imported plants. But please overlook my carelessness and remember that the new arrivals of Deutsche Perle, Simon Mardner and Vervaeneana, or any variety that will force for Christmas, are those you should put into heat. Why this is so is not so easy to explain, but, as one large grower expressed it, "The journey and conditions they are subjected to seems to loosen up their buds."

Fuchsias.

Growers of early fuchsias will now be getting their old plants ready to produce cuttings. Plants that were plunged out of doors and ripened up with a little drying off will soon give cuttings. If shaken out, their unripened tips pruned back and started in a genial temperature, with plenty of syringing, cuttings that you get from these early started plants are always vigorous, make a good growth and do not want to flower so precociously as do the later struck plants. Now is the time to propagate, and you will get some really thrifty plants.

Lily of the Valley.

Lily of the Valley will soon arrive. It is often abused and neglected; add to this the want of skill in forcing it and the seedsman or importer gets blamed and is told: "Your Valley isn't any good."

Unpack as soon as it arrives. Sort it if you wish, the strong pips being chosen for the early batches and the weaker for the later ones. Soak the roots a few moments and then put them away in boxes with earth or sand between each bundle of roots and as many in a box as you want to force weekly. Place the boxes in a frame and cover the pips with two or three inches of earth. Keep the rain from the roots by glass or shutters. Frost does not hurt the roots and perhaps does not do them any particular good.

Large growers do not trouble with boxes. They lay the roots in trenches, but the boxes are much more convenient for small growers, as if frozen you can carry in the box and let the contents thaw out.

WILLIAM SCOTT.

POT CHRYSANTHEMUMS.

The growing of good pot chrysanthemums entails much labor and care and we often find that after all our labor very low prices have to be taken to get rid of them. It is therefore necessary to grow them not only good but as cheaply as possible.

We want good flowers, short plants and good colors. Many of our newer varieties have these characteristics. Take, for instance, Midge, early white (N. Smith & Son). It can be grown well without any artificial support whatever and blooms by Oct. 12th. Another variety, blooming by Nov. 1st, is May Foster (A. McAdams), which is also white and needs no staking. In early yellow M. M. Johnson is fine, and for later H. Hurrell cannot be beaten. In pinks Glory of the Pacific is good.

There are many more of like habit which if grown in soil that is rich naturally or that was mixed a year previously, to avoid the least rankness in growth,

will need no staking. We grow them out of doors in pots plunged in frames about three feet deep, and we put on sash in case of heavy rains. In place of liquid feeding very good results are obtained by an occasional mulch of fine bone and wood ashes when the buds are set. They are brought in about Sept. 1st and never allowed to become crowded at any time. JOSEPH REEVE.



Chrysanthemum Midge as a Pot Plant. (No Artificial Support).
(Grown by H. Bear, with J. C. Murray, Peoria, Ill.)

AWAY FROM HOME.

Baltimore.

Baltimore is a southern city in more ways than one. Robert Halliday has enough hospitality to spread over a large town and he is not the only one. I happened to reach the city when an exhibition of dahlias was being held. There were several exhibitors, but R. Vincent, Jr. & Son had much the largest display and their exhibit would alone have filled a larger hall.

Here is a brief list of some varieties that I thought excellent for the commercial men. The pompon section undoubtedly contains those most useful as cut blooms, and at the head of the list in this class is the charming pink A. D. Livoni; no florist should be without it. Others of this class are M. E. Hallock, yellow; Little Helen, white; Maid of Kent, variegated; Eleganta, pink; Elfin, sulphur yellow. Among fine show varieties are Ruby Queen, Electric, deep pink; Le Phar, red; Alice, lilac; Arabella, yellow tipped with pink. Some very fine cactus varieties I noticed were Wm. Agnew, red; C. W. Bruton, yellow; Orange King, orange red; Grand Duke Alexis, a grand white; John Elitch, maroon.

We visited the romantic and mountainous retreat of Judge Sands and found the judge out but his houses looking well, the contents being mostly the standard varieties of roses and carnations. I call this neighborhood romantic because it is so different from anything we have. Settled in a way for perhaps 200 years I could make nothing of property lines; roads wind in and out and so do fences; there are lofty trees, abrupt hills and deep ravines. It is extremely picturesque, and may be all right for business.

Here I saw a great bed of Anemone Japonica var. Whirlwind, a double form, that was bearing an immense crop of flowers.

It was a great surprise to me to see a fifteen-foot perfect tree of Picea pinsapo, as I had not before seen this tree anywhere on this side of the Atlantic. I supposed it was not hardy, even in Maryland. It is about the most symmetrical and perfect of all conifers.

With a good horse and the best of drivers, Mr. Halliday landed me at the very interesting home of Mr. John Cook. Here we could have lingered longer than our time allowed. Splendid trees are here that we cannot grow 400 miles farther north. The Deodar flourishes here, but seems to grow less compact than in Great Britain. There was a splendid specimen of Picea Nordmanniana. Here is the latitude where the retinosporas grow and flourish to perfection. The Japanese orange, loaded with fruit, was a gay bush on the lawn.

As is well known, Mr. Cook is an enthusiastic and successful hybridizer of roses. The Wootton is one of his best known hybrid teas. Mrs. Garrett, a beautiful pink, has not met with great favor, growers say on account of the stem. There are now several most promising and beautiful seedlings that will soon be heard from, but the gem of the whole lot is the wonderful "Baltimore." Most of our large rosarians have seen this rose, but thousands of florists have only heard of it. I should say that it is without doubt the greatest of all truly American roses (please remember that Beauty is not an American). I saw a bench planted end of June in which the plants were on Oct. 1st four feet high. Stems two feet and as good as American Beauty, foliage the finest, and at least four times the number of buds that Beauty would bear at any time of the year.

The bud is immense and the open flower you can hardly knock to pieces. The color is white with a pink or blush center. It is a rose that can be used for any purpose. It is in a class by itself. The open flower reminds you of Souv. de la Malmaison but it is far larger and handsomer. Mr. Cook assured me that the plants flower freely and continuously throughout the winter and the appearance and habit confirm this. I am not "A great rosarian" but must predict for the "Baltimore" a universal popularity and that it will be a monument to the years of experimenting that Mr. Cook has devoted to the rose.

Halliday Bros.' houses are well filled with all the leading carnations. These are fine houses and most ably managed by Mr. Max Richmond, who is in earnest over his work. Was very sorry to hear them complain of stem rot, of which I will have more to say later.

We had a very pleasant visit with Mr. I. Moss. In addition to his Govanstown place he is building some fine houses a few miles farther out in a fine neighborhood. Here he has broad acres and a nursery started and we discussed trees and shrubs. I was much struck with the great usefulness of those grand summer roses, Mme. Cochet, both pink and white. Thousands of buds must have been picked weekly from a large bed on this place. I never saw so much of the suburbs of Baltimore before, and beautiful they are.

Philadelphia.

I don't remember of ever before seeing the great establishment of Henry A. Dreer, at Riverton, looking more uniformly well, and the hard working Mr. Eisele, just arrived from Paris, as lively as a school boy. I tell you, these vacations are an essential and they pay many fold.

It would take pages to describe all

Mr. Eisele can show you. Go and see for yourself. It sounds funny when you are looking at a square acre of kentias, all as neat and trim as David Harum's parlor, to be told that this size and that size are very scarce. It makes you stop and think what tremendous strides our business has taken in fifteen years.

Mr. Eisele showed me a house of Adiantum Farleyense, grandly grown, and he was good enough to say that I was at liberty to repeat that he had found leaf-mould or wood-soil poison to them. All they wanted was a good yellow loam (not sand) and a little cow manure; nothing in the way of leaf-mould should touch them.

There is enough horticulture around Philadelphia to keep one busy moving for a month, and as I was on Pan-American business I had to keep moving, and regret I could not visit all, but I made sure of seeing Mr. Habermehl's wagon. Don't miss this wagon if you go to Philadelphia. Thorley's isn't in it. You would never think to see John miss a spare that he owned such a vehicle. The lamps on the side are dazzling even when not lighted; when lit they must be blinding. The Messrs. Habermehl have to my mind an ideal place for doing a fine retail business.

What a good natured crowd you meet in the basement of Horticultural Hall, and how smoothly and gracefully John Westcott and Deacon Harris retire to the little room in the rear at stated intervals. I had a sore thumb or would have shown them how to make strikes. I don't believe there is another crowd in the country that gets along so sociably and pleasantly.

I was glad to hear Mr. B. Cartledge, whom I found presiding over his fine store, and Mr. R. Kift, as well as the artistic Battles, all say that business was very good. Mr. Battles can show you something strange. Within a few doors of each other he runs two stores, in one of which every article is gilt edged, as also the price, while in the other shop a cheaper grade is kept. It is an original idea, but Mr. Battles says it works finely. "Here, ladies, I have the choicest of everything; fresh, no ice box; but you must pay for the best and my taste as well. If you want a cheaper article you will find it two doors below at my other store." WM. SCOTT.

CHRYSANTHEMUM SOCIETY.

Complete committees as appointed by the president to examine and pass upon seedlings and sports at the various centers are herewith announced as follows:

Boston, Mass.—A. H. Fewkes, chairman, Horticultural Hall, Tremont street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Co., 119 West Twenty-third street; James W. Withers, A. Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; Geo. Stollery, E. Weinhoeber.

Cincinnati, O.—R. Witterstaetter, chairman, care Jabez Elliott Flower market (care janitor); James Allen, Albert Sunderbruch.

Remaining dates on which chrysanthemum seedlings and sports may be examined are as follows: October 27, November 3, 10, 17 and 24.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of $2, when possible, should be forwarded to the secretary not later than Tuesday of the week preceding examination.

EDWIN LONSDALE, Sec'y.
Wyndmoor, near Philadelphia, Pa.

Work of the Committees.

Oct. 20, 1900.

Boston, Mass.—Nathan Smith & Son, Adrian, Michigan, exhibited Iolantha, a Japanese incurved pink variety, which scored according to commercial scale 85 points. Tendency of the petals to drop may injure it as a shipping variety. The extreme earliness of the variety was taken into consideration in making the above judgment.

Cincinnati, O.—Iolantha, exhibited by Nathan Smith & Son, scored 85 points commercial scale.

Philadelphia, Pa.—Iolantha, shown by Nathan Smith & Son, scored commercial scale 82 points, exhibition scale 80 points.

New York, N. Y.—The above variety by the same exhibitors scored 77 points commercial scale.

Chicago, Ill.—The above variety was exhibited and scored commercial scale 71 points.

EDWIN LONSDALE, Secretary.

NEW YORK.

The terrific explosion, fire and loss of life in the lower section of this city on Monday has overshadowed all other matters. The full extent of its awfulness can neither be told nor imagined. It was one of those events which compel a busy, heedless, rushing community to stop and think. Some people never know how much they have to be thankful for.

Business is fairly good, considering all. Some desirable grades of stock are not overplentiful. Carnations are somewhat behind time and it is thought there will be a scarcity of them for Saturday's great parade; still, local florists will do their best to make the carnation part of it a success. Cattleyas are getting scarcer and consequently more valued. Some very fine mums are seen about, but the great majority are of the common "don't-know-what-to-do-with-them" class.

The Florists' Club committee organized for the purpose of getting up a great flower show in New York next year met last night and had long and various discussions over the matter, and finally appointed a subcommittee to wait on the managers of Madison Square Garden and other large halls.

Ex-Alderman John Morris' circus with the sound money florists at their meeting last week is the grand morsel of floricultural gossip. Mistakes occurred on both sides. Considering it was only an election argument, where some of the wisest and gravest make fools of themselves, it would be wrong for enmity to exist after the affair. The severest partisans before election can easily be the warmest friends afterwards; they can and should be gentlemen at all times. There's room enough for all with their arguments in this country, and toleration is a grand soothing syrup. Differences of opinion neither make us inferior nor superior; all are common clay, only some get red-headed.

The New York Florists' Sound Money Club has been organized for the purpose of parading with the sound money element here on Saturday. They are mostly retail florists and have been holding several meetings for the purpose of perfecting arrangements. W. Trumpore, T. Lang, R. Brower, Arthur Merritt and others have been among the promoters. They expect to turn out from 100 to 125 men in the parade and they are to carry a silk banner of crimson and pink, wear carnation boutonnieres of the same colors, and carry canes dressed with yellow chrysanthemums and gold ribbon. Strange combinations of color for floral artists to adopt; but it's only an election matter.

The coming event will be the opening of Thorley's new store at 45th street and Fifth avenue. It is expected to have it finished and opened before horse show week. Florists' stores are springing up like mushrooms on Columbus and other avenues; the glare of their lights is injurious to the eye; they dazzle one so much that it is impossible to see the names of the owners, and the faces in them look strange and full of anxiety.

Bowling at the alleys last night resulted as follows:

Burns	161	178	155	Woerner	135	138	109
Schenck	168	140	177	Donlan	.....	135	120
Siebrecht	186	146	153	O'Mara	.....	.....	179
Lang	188	176	191	Marshall	.....	.....	120
Traendly	172	165	140	Lock	.....	.....	60

J. I. D.

BOSTON.

Trade Conditions.

Even at the risk of being accused of pessimistic tendencies, I must howl calamity once again. Salesmen are all in full retreat and the ground is covered with a litter of all kinds of material they are obliged to leave behind. Probably the ice-room at the Park street market never presented so congested an appearance for so long at a time.

Prices on all lines have perceptibly dropped, excepting, possibly, on white chrysanthemums. The earlier sorts have been hurried off the plants and later varieties have not quite reached us yet, perhaps. Rose bushes are standing the drain wonderfully, but the cut is beginning to look rather bedraggled. The longer this warm weather lasts the greater effect a cold wave must produce upon the supply, and there is a proph-



Andrew McAdams, President-Elect Chicago Florists' Club.

ecy of great scarcity about the time the turkey crop is cut.

Various Items.

Mr. Danforth, florist and typical all-around Yankee, of Norridgewock, Me., has been "weeking" with us. Owning a pond with water power attached in Skowhegan, he is building there a range of houses, making the water power pump the pond water into them after it has once been used to grow all kinds of lilies in the pond. How is that for utilization? Another idea of his, which is worthy of national propagation, is in connection with non-destructible bench flooring. He wonders why glass factories cannot cast their "slag" into conveniently shaped slabs for the purpose, claiming enough is thrown away to meet a heavy demand (?). Another caller from the Pine Tree state is S. C. Dennett, Portland, and F. A. Main keeps us thinking of the same state, but came down from New Hampshire.

At the time of the dissolution of the Twombly Co. it was known that two employes were keeping the threads of the business together as well as possible. They are now fitting up excellent quarters in rooms immediately above those occupied by that company, and M. Thompson, the leader in the enterprise, is a lady, making the fourth to establish in Bostonese floraldom. She has the appearance of having come to stay and to take a part in the proceedings of the fraternity. And surely no better assistant could be secured than Mr. Allgren, well and favorably known for his long connection with the trade as his years will allow. They deserve success and seem to know it, which are two good planks in a business platform.

There is another change in methods of selling goods in this city, directly traceable to the co-operative market and well worthy of remark. This is the fact that Ananias does not have to work nights to maintain his championship as formerly. When all customers and all salesmen meet on the same floor the space is so limited that long range stories boomerang back too quickly to work well. Sharper competition has also assisted in establishing this squarer method of doing business.

But all are not incurably addicted to truth-telling even yet. Salesmen like a reputation among their fellows for getting better figures than the others reach; buyers wish to be remembered for the low rates they have obtained and sometimes their statements do not break joints very well, even concerning the same identical transaction.

It is not yet decided just where the benefit comes in and the feeling seems to be growing that the truth, well stuck to, is almost as good as a falsehood.

J. S. MANTER.

PHILADELPHIA.

The Market.

Indian summer has come with the fourth week in October, bringing a most tremendous glut of nearly all kinds of cut flowers. The retailers assumed that indifferent expression, which said more eloquently than words that they could get all the good stock they wanted at their own figures. The growers wore an apologetic air for offering so much stuff; spoke of what they hoped to have later in the season and tried to trade on this expectation. The commission men seemed worried and greeted every degree of buyer with an enthusiasm that told plainly how much they feared the wrath of their consignors when the week's slips went out. By the middle of the week even the choicest, or what had been the choicest, stock was on the street.

To make matters worse, chrysanthemums began to arrive in quantity, adding to the general demoralization. Those that were sold at asking prices went at $1 to $2 a dozen; a few at higher figures. Beauties fell off to $1.50 to $2 a dozen for the best; the supply seemed enormous; Brides and Maids dropped to $3, a few $4; Meteors about the same; carnations held fairly well at $1 to $1.50 a 100; medium and poor stuff of all kinds was practically a cipher.

The Liberty Rose.

There has been a good deal of disappointment about the Liberty rose here. This is partly due to ignorance with regard to its culture and partly to the high expectations formed of its adaptability to general foreing. A rose that thrives with an expert is often a failure with the average grower. This has been the case with the Beauty in nearly every establishment. Yet no one will deny that the Beauty is our finest forcing rose today. Let us hope that the same perseverance and skill that has been expended on the Beauty, with such splendid results, will be given to Liberty. The latter is a great rose, deserving a thorough trial.

Mixed Stuff.

A prominent retailer is quoted as saying that too many roses are being grown for our market this year and that the man who has "mixed stuff" would be in it. By mixed stuff he was understood to refer especially to bouvardia, heliotrope, mignonette, daisies and forget-me-nots. It is to be hoped that these flowers will have an inning in our market. Bouvardia is a beautiful flower and deserves the attention of a specialist. At present prices it does not pay. Disease has made its forcing both difficult and uncertain. Heliotrope is too perishable to be a promising subject for extensive cultivation, though its fragrance makes it many friends. Mignonette and forget-me-not are largely

grown about here, while the Chester County men will send us daisies in variety. It seems unlikely that our rose growers need fear overproduction for the present at least. We are blessed with a lot of hustling commission men whose aim is to convince the southern and western buyers that our roses are all right, and they certainly seem to be doing it. PHIL.

CHRYSANTHEMUM SHOWS.

Nov. 6-8 — POUGHKEEPSIE, N. Y. — Dutchess County Hort. Society, W. G. Gomersall, Secy.

Nov. 6-9—BOSTON.—Massachusetts Hort. Society, Robt. Manning, Sec'y, Hort. Hall.

Nov. 6-9—HARTFORD, CONN.—Connecticut Hort. Society, L. H. Mead, Sec'y.

Nov. 6-10—CHICAGO.—Hort. Society of Chicago, W. N. Rudd, Sec'y, R. 1002, 185 Dearborn St.

Nov. 7-9—DENVER, COL.—Denver Florists' Club, A. M. Lewis, Sec'y.

Nov. 7-8—MADISON, N. J.—Morris County Gardeners and Florists, C. H. Atkins, Sec'y.

Nov. 7-9—CHESTNUT HILL, PA.—Chestnut Hill Hort. Society, R. G. Carey, Sec'y.

Nov. 7-9—TARRYTOWN, N. Y.—Tarrytown Hort. Society. W. F. McCord, Sec'y.

Nov. 7-10—TORONTO, ONT.—Toronto Gardeners' and Florists' Ass'n, W. C. Jay, Sec'y, 438 Spadina Ave.

Nov. 8-9—MT. KISCO, N. Y. — Bedford Flower Club, Herbert Spavins, Sec'y.

Nov. 10-12—LOUISVILLE, KY.—Kentucky Society of Florists, H. Lichtefeld, Sec'y, 517 E. Gray St.

Nov. 12-14—MONTREAL.—Montreal Gardeners' and Florists' Club, W. H. Horobin, Sec'y, 130 Tupper St.

Nov. 13-15—NEWPORT, R. I. — Newport Hort. Society, Robt. Johnston, Sec'y.

Nov. 13-17 — PHILADELPHIA. — Pennsylvania Hort. Society, David Rust, Sec'y, Hort. Hall, Broad St.

Nov. 13-17—WACO, TEX. — Texas State Floral Society, Mrs. M. B. Davis, Sec'y.

Nov. 14—INDIANAPOLIS, IND. — State Florists' Society, R. A. McKeand, Sec'y.

Nov. 14-15—NEW YORK.— American Institute, Geo. Whitefield, Jr., Sec'y, Berkeley Lyceum Building.

Nov. 14-15—ELMIRA, N. Y.—Elmira Hort. Society, H. N. Hoffman, Sec'y.

Nov. 14-16—ST. LOUIS.—St. Louis Florists' Club, Emil Schray, Sec'y. 4101 Pennsylvania Ave.; J. J. Beneke, Mgr., 1222 Olive St.

Nov. 14-16—PROVIDENCE, R. I. — Rhode Island Hort. Society. C. W. Smith, Sec'y, 61 Westminster St.

Nov. 15-16—HOUSTON, TEX.—Mrs. M. E. Bryan, Sec'y.

[Secretaries are requested to supply any omissions in above list and to notify us of any needed changes.]

CHICAGO.

The Market.

The warm weather still continues and as a result the supply, especially of roses, is abnormally large, while demand is light in comparison. Flowers were never before so cheap in Chicago at this season of the year, and, aside from the selections made from the piles of roses for shipping orders, the fakirs rule the market. Sales of roses at $2.00 and $2.50 per thousand is not very cheerful for the grower. On account of the weather a good deal of the stock is still very soft and has to be handled quickly to be realized upon.

Fortunately, New Orleans made heavy calls on this market for All Saints' Day, or conditions would have been a shade worse than they are.

All are praying for seasonable weather and the passing of the election, a disturbing influence that is more and more noticeable.

Though there is no change in quotations on shipping stock, dealers are giving a better grade for the price, as they have bigger lots to sort from.

Chrysanthemums of first-class grades have held their own very well under market conditions, though the poorer qualities have suffered seriously. The chrysanthemum show opens next Tuesday and this will take a good many blooms out of the market during the heaviest cutting.

Various Items.

Mr. W. E. Lynch, who has been in the wholesale cut flower commission business for the past six years, has given up his own business and has taken charge of the wholesale cut flower department at E. H. Hunt's. This very materially strengthens the force at Hunt's.

Anton Lisl, employed at the greenhouses of Brant & Noe, Forest Glen, was murdered while taking a short cut through the woods to his home last Saturday night. Geo. Dolinski has been arrested and charged with the murder. Jealousy is said to have been the cause of the crime.

At the meeting of the Florists' Club tomorrow (Friday) evening the new officers will be installed and two papers will be read, one by J. S. Wilson, on "How to Grow Boston Ferns," and one by Walter Heffron on "Marketing Cut Flowers." Final arrangements will be made regarding the distribution of chrysanthemum show tickets to members whose dues are paid up to Nov. 1.

Arrangements have been made to have the annual banquet of the Florists' Club in the Egyptian banquet hall at the Auditorium, Thursday, Nov. 8th, at 7 p. m. Tickets for same can be procured of W. N. Rudd at any time during the flower show.

The Harms Park Floral Co. seem to be satisfied with the results of the big auction sale of palms at McKellar & Winterson's. Stock of fair size sold readily, but few buyers seemed to care for the very small sizes.

The annual flower show opens at the Auditorium next Tuesday. Schedules and full information regarding entries etc., may be had by addressing W. N. Rudd, Sec'y, Room 1002, 185 Dearborn street.

Mr. M. Stauch passed through the city last Tuesday en route for Council Bluffs, Ia., where he has taken a position as foreman with Mr. J. F. Wilcox.

Bassett & Washburn are cutting some very good Liberties and they take well in the market.

Poehlmann Bros. are cutting some splendid chrysanthemums, as usual.

Some extra fine blooms of Ivory were noted at Benthey's. It is surely still the leader in white commercial mums.

Mr. Henry Weber, Oakland, Md., was a visitor last Tuesday. Mr. Wm. Weber will probably be here next week during the exhibition.

Mr. E. E. Pieser is improving, though still under the doctor's care.

ST. LOUIS.

The Market.

More beautiful weather than we have had the past week could not be wished for, still trade in the cut flower line has not improved and no improvement is expected until after election and the chrysanthemum shows are over.

Chrysanthemums, of course, are the main flowers just now, and they are much in evidence at the flower stores throughout the city. There is no glut of first quality; the poorer grades, though, are numerous, especially those that come up from the South. Very little sale is found for them, however, as fairly good home-grown stock is abundant, and even this stock is moving rather slowly.

The increased crop of chrysanthemums has ruined the rose market, and heavy receipts of roses have been coming in all week. The stock is much improved in quality, but the prices obtained for them will hardly look well in print.

Carnations are coming in more plentifully every day, and are more improved in quality. Only the very choice varieties bring a profitable price, while others can be classed with roses and small chrysanthemums, which sell for almost nothing.

Violets will, no doubt, be overdone this season. Everybody is growing them and all are doing finely, and with those that come from the South a great glut is expected by the end of the present week. Only the very best Californias are selling; others go begging, and the fakirs gobble them up for almost nothing and sell them on the street corners for 2½ cents per bunch. The least said about the cut flower trade in our city the better, that is, just for the present.

Notes.

The supposed abduction of John W. Kunz by the Chicago boys was a false alarm, as he turned up at his old haunts the past week. He told us what a good time Walter, Phil, Ed and Charlie gave him, but he longed for home and friends, so he's back with that same old smile.

Fred Foster has moved his store across the street from his old place at Eighth and Olive streets.

E. W. Guy, of Belleville, was over last week. Mr. Guy reports business good. He will lead a big republican parade next Saturday night at Belleville, and will have to miss the banquet. Mr. T. W. Guy, of Kimmswick, was also a visitor.

The next meeting of the club should be well attended. The membership tickets for the show will be distributed to those in good standing only. The two essays by Messrs. Ude and Sanders should swell the attendance greatly. The exhibition committee will make their final report before the opening of the show, which will be the week following.

E. H. HUNT,
WHOLESALE SEEDS, SUPPLIES, BULBS,
CUT FLOWERS, Etc.
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NOVEMBER 1, 1900.

We beg to announce to our friends, patrons and the trade that Mr. W. E. Lynch, who has successfully conducted a wholesale cut flower business for the past six years, has consented to take charge of our cut flower department, and under the new arrangement and with increased amount of cut stock and help, we can assure our past customers and his of the very best of service.

E. H. HUNT,
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Please address all letters and orders to the firm.

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NOW READY FOR BUSINESS.

Adolph H. Poehlmann,

55 and 57 Wabash Ave.
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Long Distance Phone
2128 Central.

60,000 Feet
of Glass in.....ROSES.

Wholesale Grower and
Shipper of Cut Flowers.

Our Specialties are Beauties, Meteors, Brides, Maids, Golden Gates and Perles.

Greenhouses at Morton Grove. Established 1885.

CONSIGNMENTS OF CARNATIONS, VIOLETS and MISCELLANEOUS STOCK SOLICITED.

Mention The Review when you write.

The committee claims that the show has a good hold on the public this year, and that this will surely be one of the successful years. J. J. B.

COLUMBUS, O.

The weather continues warm. Mums are coming on in good shape. Some fine cuts are on sale bringing from $1.50 to $2.50 per dozen. Roses are very plentiful at present and bring from 75 cents to $1 per dozen. Carnations are fair and are selling well at 25 to 50 cents per dozen.

The demand for funeral work continues good.

The Columbus Horticultural Society held its regular meeting Oct. 27. The program was very interesting. Mr. F. K. Luke spoke of his experiment in fighting frost. Several times when frost threatened he set his spraying nozzle and turned on the water. Wherever the plants were kept under the spray they withstood a temperature of 28 degrees, and at this writing they are as bright as ever. Mr. Luke thinks he can meet a temperature of 25 degrees. This is some trouble, but we may often prolong the bedding season with a little effort by this method.

The Botanical Conservatory is in receipt of a fine collection of some thirty species of plants.

Mrs. S. F. Stevens and son have left for Europe, where they expect to spend the winter months.

Mr. F. W. Ball, of Cincinnati, O., and Mr. Killen, of Chicago, were recent visitors.

Mr. Curry, formerly florist at the State Hospital, is employed at Mr. Seibert's.

E. L. Charles has the largest Harrisii in the city. They are at this writing 6 to 8 inches high, strong and healthy.

G. E. A.

PLANTS FROM HAWAII.

In response to the representations of the State Board of Horticulture of the State of California, that dangerous insect pests may be imported from Hawaii and the Philippines, the secretary of agriculture has taken steps to have all mail matter containing plants from Hawaii and the Philippines inspected before being forwarded to the addressee and the contents destroyed in case dangerous insect pests are found in the same.

FLOWERS AND MORALS.

Window Plant Culture for Dwellers in Tenements.

William Bigler, a literary man, formerly of Berne, Switzerland, and at present a resident of this city, says the New York Times, is actively engaged in interesting influential persons on the subject of home improvement among the poor through the "fenetres fleuries" system of his native land. In brief, Mr. Bigler's idea is to encourage the growing of flowers and small potted plants on the window sills and balconies of tenement houses, his theory being that the contemplation of beautiful flowers and foliage, and the care necessary to preserve them will operate to elevate the morality of the tenement dwellers.

Mr. Bigler will present his plan in detail to one of the University Settlements, and hopes that one or all of them, or some other organization interested in alleviating the condition of the poor, will take it up.

The growing of flowers in the homes of the poor has been encouraged by regularly organized societies in England as well as in Switzerland and is meeting with highly gratifying results.

CHEAP-TO CLOSE OUT



BOSTON FERNS The true variety, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Don't be afraid that our stock of Boston Ferns will run out. We have sold 75,000 the past six weeks, but still have 125,000 fine plants on hand. Better buy now as price is sure to advance.

Asparagus Sprengeri, from 2½-in. pots, strong plants, $2.50 per 100; $20.00 per 1000.

Acalypha Sanderi, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " from 3-in. pots, strong plants, $5.00 per 100.

Crotons, twelve best bedding varieties, from 2½-in. pots, elegant plants, $3.00 per 100; $25.00 per 1000. These will be fine to shift on for next year's bedding.

Ponderoso Lemon, largest lemon grown; bears fruit weighing two pounds and over. Is bound to become a popular plant. It fruits when quite small. Fine plants from 2½-in. pots, $1.00 per dozen, 7.00 per 100. Strong plants, ready to bloom at once, $1.50 per doz.

Calla Lilies, 1¼ to 1½-in. diam., 75 cents per dozen; $5.00 per 100.
" " 1½ to 1¾ " $1.25 " 7.00 "

The Two New Russelias, Lemoinei Multiflora and Lemoinei Elegantissima, 50 cents per dozen; $3.00 per 100.

Bougainvillea Sanderiana, from 2½-in. pots, $6.00 per 100.

Weeping Lantanas, 2½-in. pots, $2.00 per 100; $18.00 per 1000.

Otaheite Orange, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " " 3 " 4.50 " 40.00 "

Ficus Elastica, perfect specimens of this fine rubber plant, 15 to 18 inches high, $3.25 per dozen; $25.00 per 100.

Araucaria Excelsa, Norfolk Island Pine, fine plants, 4 tiers of leaves, $1.00 each; $10 per doz.

Roses. All the leading varieties of Teas, from 4-in. pots, fine plants in perfect health, $8 per 100.
" All the leading varieties of Hybrid Teas, from 4-in. pots, elegant stock, $10 per 100.

Marechal Niel Roses, 15 inches and over in height, healthy plants, $4 per 100; $35 per 1000.

Send us your list of roses for quotation. Our Fall Trade List of all kinds of Rose Plants and Bulbs now ready. Write for it.

THE GOOD & REESE CO., The Largest Rose Growers in the World. **Springfield, Ohio.**

Mention The Review when you write.

HEDGES.

Hedges, Windbreaks, Shelters and Live Fences. A treatise on the planting, growth and management of hedge plants for country and suburban homes. By E. P. Powell. Illustrated, 12mo, pp. 140, cloth. Orange Judd Co., New York. Price 50 cents.

A compact, practical handbook on the management of hedge plants and hedges has long been needed. This neat and attractive volume gives accurate directions concerning hedges; how to plant and how to treat them; and especially concerning windbreaks and shelters. This book is freely illustrated and should prove useful to anyone interested in the subject.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Man who can grow nice stock of Brides and Maids; wages to start with, $30 per month and board; will pay more to efficient man. Address H. F., care Florists' Review.

SITUATION WANTED—By young man, 22 years old, to assist in general greenhouse work; 7 years' experience Address W. I. E, Crescent Hill, Ky.

FOR SALE—A 10-foot IXL Wind-Mill with 2¼-in. brass Gould pump; a 55-foot iron pipe triangle derrick; also three round cedar tanks of 1, 3 and 8 thousand gallons capacity. This outfit is in complete order and can be bought cheap. For particulars, address C. J. Benz, Conshohocken, Pa.

WANTED—Every buyer of plants to consult our classified advs. when in need of stock.

FOR RENT—On shares or cash, greenhouse plant in Iowa in full operation. For particulars address Iowa, care Florists' Review.

FOR SALE—On easy terms, two plant houses, residence on the adjoining lot, in city of 12,000 inhabitants. A good paying business established. Address 1243, care Florists' Review.

WANTED—Competent, single young man to work in greenhouses and hotbeds and in nursery if required. Will pay $40 00 per month with board to right man. Missoula Nursery Co., Missoula, Montana.

WANTED—Section man for roses. Call on or address Brant & Noe, Forest Glen, Chicago.

PRIMROSE AND CYCLAMEN.

Primrose, latest improved large flowering, fine plants, 2¼-in., $1.50 per 100; 3-in. extra strong, $4.00 per 100. Cyclamen Giganteum, 3-in., $4.00 per 100. Cash please.

J. W. MILLER, HATTON, PA.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

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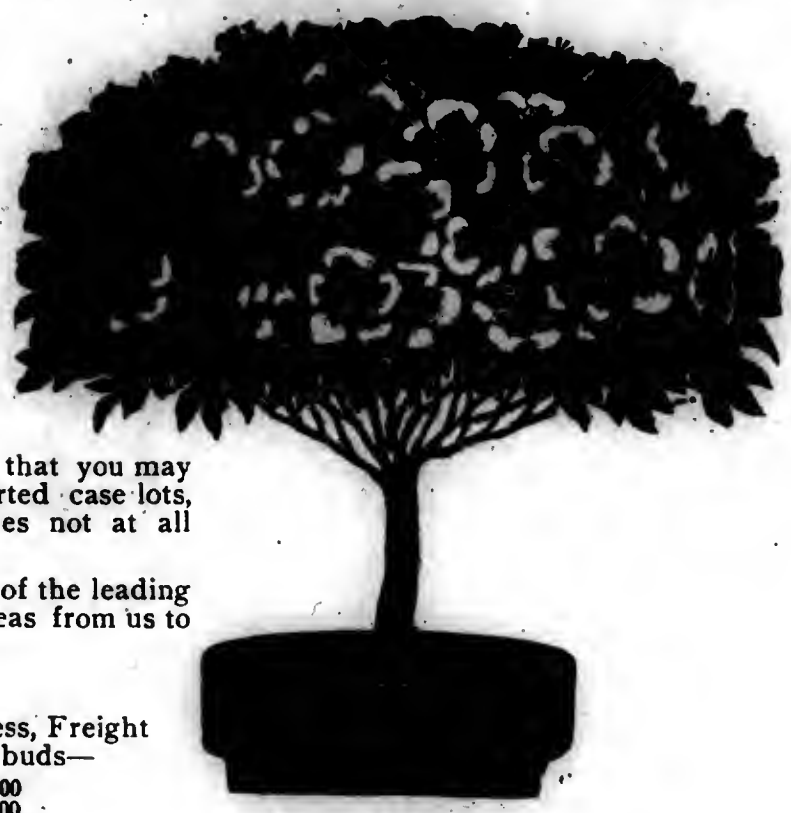
BECAUSE You can still take advantage of the mild weather, and have the plants come through safely by freight.

BECAUSE We are the largest buyers of Azaleas in the world, and make personal inspection of the stocks before they are shipped to us, and buy for spot cash, which enables us to secure the lowest prices, and you the benefit in quality of the plants.

BECAUSE Our importations are all repacked at our own nursery. Plants that have suffered in transit, and which are not well set with buds being discarded, you receive nothing but first-class stock, which is certain to give satisfaction.

BECAUSE We can give you any special assortment of varieties that you may wish. This is a great advantage over the usual assorted case lots, sent over from Belgium, which invariably contain many varieties not at all suited to the American market.

BECAUSE We wish to convince you as we have convinced many of the leading florists of the United States, that you can buy Azaleas from us to better advantage than if you make your own importations.



SPECIMEN AZALEA.

....PRICES....

Include duty, packing and delivery in good condition to any Express, Freight or Steamship Line in Philadelphia. Fine bushy crowns, well set with buds—

10 to 12 inches in diameter					per doz.,	$ 4.50;	per 100,	$ 35.00
12 to 14	"	"	"	.....	"	6.00	"	45.00
14 to 16	"	"	"	.....	"	7.50	"	55.00
16 to 18	"	"	"	.....	"	12.00	"	90.00
18 to 20	"	"	"	.....	"	25.00	"	200.00
20 to 24	"	"	"	.....	"	36.00	"	300.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

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LATANIA BORBONICA.

Extra Fine Stock.

Grown cold and not drawn up or pushed with fertilizers.

7-INCH--9 LEAVES,

$12.00 per dozen.....25 for $22.00

6-INCH--7 LEAVES,

$8.00 per dozen.....25 for $15.00

5-INCH--6 LEAVES,

$5.00 per dozen.....25 for $9.00

This stock must be sold at once. We are crowded for room.

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PAEONIES.

We have 100 named double varieties, selected for florists' use; all good for cut flowers.

1 each of 100 varieties.....$15.00
1 each of 50 varieties..... 6.00
1 each of 25 varieties..... 3.00

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Indianapolis, Ind.

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ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

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4,500 2-Year-Old ROSES.

WHO WANTS THEM at 5c each, $5 00 per 100, $45.00 per 1000? Marechal Niel, Kaiserin, La France, White La France, Roger Lambelin, Duchess of Albany, Mme. Caroline Testout, Robt. Garrett and many others. Send 50c or $1.00 for samples.

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Primroses Chinese large flowering 2-in. pot, $1.25 per 100.

Asparagus

	Per 100
Sprengeri, 2-in...	$2.50
Plumosus, 2-in...	3.50

PANSY PLANTS, ready Nov. 15. Per 1000, $2.50; per 100, 50c. CASH PLEASE.

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JARDINIERE FERNS

Elegant stock,
$3.00 per 100. $25.00 per 1000.

Roses for the South. Varieties most adapted for southern planting. Just the thing you want. Stock A No. 1. Write for Price List.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

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YOU WILL NEED A

FINLEY ROTARY LAWN RAKE

next summer. Send for illustrated circular telling why.

FINLEY LAWN RAKE CO., JOLIET, ILL.

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TOLEDO, O.

Various Items.

On last Saturday Mr. Geo. A. Heinl celebrated in a quiet sort of way the 25th anniversary of his career as a florist in this city.

On that occasion his Summit street store and conservatory, in connection with it, always resplendent with seasonable blooms, seemed to take on a still more magnificent appearance with their wealth of roses, chrysanthemums, carnations, palms and miscellaneous plants. A range of 26 large houses at Mr. Heinl's West Toledo place, or an average of one new one for each year he has been in business here, speaks well for Mr. H.'s success. Of this fine plant house, No. 1 is given up to orchids, containing, it is admitted, one of the finest collections ever seen in this city. House No. 5 is devoted to chrysanthemums, and Nos. 2, 3, 4, 18, 21 and 22 to carnations. Houses Nos. 6, 10, 11, 12, 13, 15, 16 and 17 are occupied principally by roses of the finest varieties. In the remaining houses is a full representation of a line of the most desirable flowers and plants. The buildings are mostly 18x130.

The carnation department is under the immediate charge of Mr. J. G. Gartner, a carnation enthusiast of several years' successful experience. Mr. James Wall looks after the roses in a very satisfactory manner.

Theo. Helbing, having thrown up his lease of the East Broadway greenhouses, as a result of some legal complications, the owner, Mr. O. E. Schmidt, took possession again a few days ago, and will stock them up for the regular winter's trade.

When the local florists commenced recently to size up their stocks of carnations for the winter's cut flower trade, many of them found that they had not made liberal enough provision for the same. Consequently there has been much hustling about and telephoning to suburban and country growers for stock, within the past two or three weeks.

B.

DENVER, COLO.

Attendance at bowling alleys night of Oct. 23, was very small. Following is the score:

	1st	2nd	3rd	4th	Av.
Geo. Zimmer	227	188	193	202	202
N. A. Benson	196	145	158	169	167
A. M. Lewis	160	138	176	161	158
N. Jacobsen	143	172	129	104	137
C. A. Benson	103	160	141	132	134

C. J. T.

BRIAR CLIFF MANOR, N. Y.—A new school of practical agriculture and horticulture has been established here to give practical training in these branches that the pupils may become proficient in the management of farms, estates, greenhouses and gardens. The officers and trustees of the school include many well known people. Geo. T. Powell is Director and letters of inquiry should be addressed to him.

CANTON, ILL.—The Hort. Society of Central Illinois meets here Nov. 20 and 21.

MT. KISCO, N. Y.—The fifth annual chrysanthemum show and floral exhibition of the Bedford Flower Club will be held here Nov. 8 and 9. Copies of the premium list may be had by addressing Herbert Spavins, Sec'y.

WEILAND -AND- RISCH

WE SOLICIT A TRIAL ORDER...

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ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

American Beauty,	Per dozen.
36-inch stems	$3.00
30 "	2.50
24 "	2.00
20 "	1.50
15 "	1.25
12 "	1.00
short stems	.75
Carnations...per 100,	$1.00 to 1.50
" fancy, "	2.00 to 2.50
Violets	.75 to 1.00
Valley ...per 100,	4.00
Cattleyas ...per doz.,	6.00

ROSES,	Per 100.
Liberty	$3.00 to $5.00
Golden Gate	4.00 to 6.00
Brides, Maids	3.00 to 5.00
Meteors	3.00 to 5.00
Kaiserin	4.00 to 6.00
Perles	3.00 to 4.00
Seconds	2.00
Ferns, per 1000, $1.50.	.20
Asparagus...per string,	.50
Smilax...per doz.	$1.25 to 1.50
Chrysanthemums, "	1 50 to 3.00
Adiantum...per 100,	.75

Wild Smilax, Parlor brand, per case, $3.25; medium, $4.25; large, $5.50

CONSIGNMENTS OF VIOLETS WANTED.

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WHOLESALE and COMMISSION FLORISTS,

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CHRYSANTHEMUMS, 1st Quality, $18 to $25 per 100; 2ds, $10 to $15.00 per 100.

ROSES.

A. Beauties, long	per doz.,	$2.00 to $3.00
" medium	"	1.00 to 1.50
" short	"	.75 to 1.00
Bridesmaids	per 100,	3.00 to 4.00
Perles	"	3.00 to 4.00
Kaiserin	"	4.00 to 6.00
Meteors	"	3.00 to 5.00

CARNATIONS, fancy	per 100,	$1.50 to $2.00
" good quality,	"	1.00
VIOLETS, good single	"	1.00
ORCHIDS, Cattleyas	per doz.,	6.00
VALLEY	per 100,	4.00 to 5.00
SMILAX	"	12.00 to 15 00
ASPARAGUS	per string,	.50 to .75
ADIANTUM	per 100,	.75 to 1.00
WOOD FERNS	per 1000,	1.50

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100,000 GERANIUMS ROOTED CUTTINGS...

SEND FOR LIST AND PRICES.

	Per 100
Asparagus Sprengeri, 2-in	$3.00
" " 2¼-in	4.00
Baby Primrose. 2¼-in	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " (winter), 2-in	3.00
" " " " 4-in., very strong	10.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
Vinca, 2¼-in., $3.00; 3-in	5.00
" 4-in., $10.00; 5-in	15.00
" Rooted Cuttings, $10.00 per 1000	1.25

Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.

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Evergreen { Hemlock Spruce, Norway Spruce, American Arbor Vitae.

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Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

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PRICE LIST.

	Per 100.
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	2.00 to 4.00
Perles and Meteors	2.00 to 4.00
Roses, our selection	2.00
Carnations	.75 to 1.25
" named varieties	1.50 to 2.00
Violets	.60 to 1.00
Valley	4.00
Adiantum	.50 to .75
Chrysanthemums,	
Fancy, per doz	2.50 to 4.00
Medium, "	1.25 to 2.00
Common, "	.50 to 1.00
Common Ferns	per 1000, 2.00
Smilax	per doz., $1.25 to 1.50
Asparagus "	6.00
Leucothoe	per 100, 1.00
Galax, Green	per 1000, 1.00

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42 and 44 E. RANDOLPH ST.

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CHRYSANTHEMUMS,

FANCY, per dozen,	$2.50 to $4.00
MEDIUM, "	1.25 to 2.00
COMMON, "	.50 to 1.00

VIOLETS, PER 100, 60 CENTS TO $1.00.

Store open until 6:30 p. m. week days.
Until noon Sundays and holidays.



FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

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Cyclamen for Christmas blooming. Fine large healthy plants, 4-in., $8.00 per 100.

Chinese Primroses. Red, white and mixed, 3-in., $2.50, 4-in., $4.00 per 100.

Cinerarias. Prize strain, 2-in., $2.00 per 100.

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11th year in the lead and still there. The best service. Cost you no more than the inferior and the results are better and sure. Write for prices on all **Decorative Evergreens.**

GEO. M. CARTER, - Evergreen, Ala.

HOLLY-- EXTRA FINE THIS SEASON.

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Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight. I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G. BARROW, Red Level, Ala.

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

NOW IS THE TIME to lay in your supply of FINE

Boston Ferns

FOR YOUR HOLIDAY TRADE.

Four and five-inch are nice sizes to buy. We have them in all sizes. Write us for prices.

GEO. A. KUHL,

Grower of ROSES, CARNATIONS, Etc.

PEKIN, ILL.

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WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb. box, $1.00. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

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Is a Fern that you should not fail to have as it will surely make y
Boston Fern and makes a handsomer plant. Note the fronds of Wittb
as rapidly and is propagated quite as readily as the Boston Fern. We
quickly. **It is even better than we dared to hope it was.**

You should not fail to secure stock of this well-tried and thoroughly proved new fern.

THERE IS MONEY IN IT FOR YOU



Plant of Nephrolepis Wittboldii.

N.
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plant.

YOU CANNOT MAKE A BETTER INVESTMENT now than in a dozen or more plant money making Nephrolepis. The demand next year will be immense when its go generally known. Send in your order now. We shall send out only good strong filling orders when we can no longer send out plants that will be a credit to us.

If you catalogue nove

See our offers of Palms, Ferns, Asp

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The GEO. WITTBOLD CO., 16

S WITTBOLDII...

vou money. N. Wittboldii has all the desirable characteristics of the oldii and Bostoniensis photographed together. N. Wittboldii grows just are almost convinced that it grows more rapidly and is propagated more

Wittboldii is the Bos-ern with much wider and the margins of nnae much more un-d. It is a much more ative plant, as strong t stronger) grower, as y (if not more quick-opagated, and just as and lasting as a house

ts of this grand new ood qualities are more plants, and will cease



Frond of N. Bostoniensis. Frond of N. Wittboldii.

Our stock of N. Wittboldii is in splendid shape and we are offering fine plants, ready for 3 and 4-inch pots, at $1.00 each, $10.00 per dozen, $75.00 per 100. Orders filled in rotation as long as present stock lasts.

elties you would do well to include N. Wittboldii in your list. Write us about it.

paragus, Araucarias, Ficus and Cycas

f plants now before cold weather sets in and take advantage of low freight rates.

657 Buckingham Place, CHICAGO, ILL.

GALVESTON, TEXAS.

At the last meeting of the Galveston florists, $500 was ordered set aside for immediate distribution on account of some of the florists being in need. The schedule previously reported was taken as a basis for the pro rata ($20,200). The society of New Orleans horticulturists offered to assist us as soon as the business for All Saints' Day was out of the way, and they would have a chance to get to work. Mr. John H. Ley, of Washington, D. C., and Mrs. E. Louise Leonard, of Sequin, Tex., made offers of some stock for our benefit. Some fine strains of primula, cineraria and pansy seeds from Mr. John F. Rupp, of Shiremanstown, Pa., as also some select pansy seeds from Mr. Beaulieu, of Woodhaven, N. Y., had arrived and were ordered distributed. Some of the other plants which had been previously pledged were called in.

All donations up to date will be acknowledged individually by our chairman, Mr. J. D. Pruessner, during the coming week. The readers of the REVIEW and *Exchange* will not think us tardy, as all of us are working in some capacity or other during daytime until such time as we may be able to pick up our business again and therefore all of our correspondence has to be attended to after working hours. Wishing all our brother florists a good trade for All Saints' Day and further success in their undertakings, we are.

THE GALVESTON FLORISTS,
Per F. G. Laeverenz, Secretary.

DENVER, COLO.

The stores have had a fairly busy week. A fashionable wedding on Wednesday calling for an elaborate church decoration, autumn foliage being largely used; several orchid plants, Cattleya labiata were fastened to a large pillar and then covered with bark, which gave the appearance of a large stump. The decorations at the house were simple but pretty, orchids being freely used. A number of dinners in honor of the bridal couple created quite a demand for Beauties and violets earlier in the week.

Flowers of all kinds are rather plentiful. The weather still remains beautiful, and things trot along pretty fast. Some of the finest mums are now in, and it will be a question if any of the good sorts are left for Thanksgiving day. A few of the best just now are Bloodgood, Mrs. Weeks, Iora and Pennsylvania.

The greenhouse men are busy looking out show stuff, which is now close at hand. If they all get together and show their best, a very worthy show it will be.

Glauber & Webb have just finished remodeling their store, putting in large mirrors and new counters. It is finished in ivory-white, and makes a pretty flower shop. ROCKY.

KINMUNDY, ILL.—The annual meeting of the Horticultural Society of Southern Illinois will be held here Nov. 27th and 28th.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.
For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity.
TRY US.
BRANT & NOE, 124-128 Sixth Street, N.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

Carnation Blooms
OF ALL LEADING VARIETIES NOW READY.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

"We originate."
"Others imitate."
IMITATION is the most sincere flattery.

FLORISTS' AUCTIONEERS.

CUT FLOWERS AND PLANTS.

	Per 100
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	3.00 to 4.00
Perlea and Meteors	3.00 to 4.00
Carnations	1.00 to 1.50
" fancy	1.50 to 2.00
Valley	4.00
Cattleyas per doz.,	5.00 to 6.00
Chrysanthemums, select, "	2.50 to 3.00
" ordinary, "	1.00 to 1.50
Adiantum	.75
Common Ferns per 1000,	1.50
Smilax per doz.,	$1.25 to 1.50
Asparagus "	5.00
Ivy per 100,	.50
Leucothoe Sprays "	.75
Galax, Green per 1000,	1.25

XMAS GOODS--ALL KINDS.

We are booking orders on all the following goods for December delivery. We guarantee our prices as low as any reputable house:

Select Delaware Holly per case, $4.50
" " " 5 cases, 20.00
Bouquet Green, strictly fresh stock, per case, 4.50
" " " " 5 cases, 20.00
Bouquet Green Wreathing, per 100 yards, 3.00

Holly Wreaths, Green Wreaths, Mistletoe, Wild Smilax, Xmas Trees, Needle Pines, Cape Flowers, Immortelles and all decorative stock at lowest prices.

Write for our special quotations on ton lots on Bouquet Green, car lots on Holly and Bouquet Green.

Place orders early with us and receive the best stock in the market.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for $5.00
" wire pressed " .75; 6 for 4.00
Tobacco Stems, fresh, 200 lbs for 1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100 15.00
Cape Flowers, white, per lb 1.00
" colored, " 1.50
Tissue Paper, manilla, per ream .50
" " white, " 1.00
Wax " manilla, " 1.40
" " white, " 2.00
Doves, first quality, ea. $1.00; per doz 10.00
" second " .85; " 9.00
Rubber Aprons, ea. $1.50; per doz 15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

Selling Agents for Glass, Building Material, Boilers, Putty, Mastica, Paints, Oils, Sod Crushers, White Lead, Walker's Fertilizers, Imperial Liquid Fertilizers, Insecticides, Etc.

45, 47, 49 Wabash Avenue, CHICAGO, ILL.

Mention The Review when you write.

SPECIAL OFFER!

Fresh 1900 crop **KENTIA SEED.** Best time to sow now. To close out a consignment we offer as long as unsold, Kentia Belm. or Forst. at the low price of $3.00 per 1000 seeds, net. 100 seeds osly by mail, 65 cents. **Guaranteed finest germination.**

FORCING BULBS.

	12	100	1000
Hyacinths. Roman Early White,	$0.25	$1.85	$16.50
" Dutch, 1st size, separate colors	.60	4.25	40.00
" Named, finest sorts	1.00	6.50	
" Miniature, named, our choice,	.40	2.75	

Tulips. We carry stock of extra fine large sound bulbs, in all the best florists' varieties, at fair prices.

Narcissus.	12	100	1000
Paper White, true grandiflora	$0.15	$0.85	$ 7.50
" XXX, special value	.20	1.00	8.50
Von Sion Daffodil, ex. dbl. nosed	.25	1.75	16 00
" very large select bulbs	.20	1.50	13.00
" fine flowering bulbs, large	.15	1.25	10.00

Poeticus, P. Ornatus, Dbl. Roman, Golden Sun, Trumpet Major, etc., etc. 100 1000

Crocus. Very large bulbs, separate colors, $0.30 $2 50

Freesia Refracta Alba, select bulbs, to close out .30 2.50

Lil. Longfl. Our stock of these is known as unexcelled for 18 years. 5x7, 100, $2.50; 1000, $20.00; 6x8, 100, $3.50; 1000, $30.00; 7x9, 100, $5.50; 1000, $50 00; 9x10, 100, $8.50. Lil. Auratum, 8x9, 100, $4.00; 9x11, 100, $7.00. Specios. Rubrum, Album. Write for prices on all bulbs.

Japan Fern Balls. December delivery. Secure stock now. It will be scarce. Get **bone-fide** long leaved variety, same we imported first in 1878.

Ready—Sweet Pea Seed, early forcing sorts, 25c a lb. Smilax Seed, 30c oz. Asparagus Sprengeri Seed, 100, 50c; 1000, $4.00. Benary's finest Stock, 10 weeks, separate colors or mixed—white, blue, red, rose—pkt., 10c; trade pkt., 25c. **5 per cent cash discount.**

Address **H. H. BERGER & CO.,**
47 Barclay St., New York.

Mention The Review when you write.

CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots; $5.00 per 100, or 20 for $1.00. **E. I. RAWLINGS, Quakertown, Pa**

Mention The Review when you write.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York. Sea Shell. Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

Mention The Review when you write.

GOOD TOOLS are always a good investment. Among the very best and most valuable is a copy of the Florists' Manual, by Wm. Scott.

BIG CUT....

to make room for 25,000 Geranium Cuttings that must be potted in ten days.

Roses. XX strong Brides, Meteors and Maids, 3-in., 12 to 18-in. high, fine plants, $2.00 per 100. Golden Gate and Perle, 2½-in., $2.00 per 100.

Coleus. Our champion collection contains only the choicest varieties to be had. Strong 2¼-inch, $2.00 per 100.

Asparagus Sprengeri. Strong 3-in., ready for 4-in., 4c.; 2¼-in., ready for 3-in., 2½c.

Alternanthera. Three choicest dwarf varieties. Rooted Cuttings, 60c per 100; $5.00 per 1000.

Geraniums. Choicest mixed varieties. Strong 2¼-in., $1.50 per 100. Bruanti and Heteranthe, the two best scarlets, strong rooted cuttings, $1.25 per 100; $10.00 per 1000.

Ageratum. Louise Bonnatt, latest novelty in white. R. C., $1.00 per 100. Princess Pauline, R. C., 60c per 100.

Salvia Splendens. R. C., $1.00 per 100.

Smilax. Strong 2-in.. $1.25 per 100.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Boston Ferns.

THE TRUE VARIETY.

Small plants from bench	per 100,	$1.00
7,000 2-inch	"	2.50
1,000 3-inch	"	5.00
1,000 4-inch	"	8.00
500 5-inch	"	15.00
500 large plants from bench, ready for 6 and 7-inch pots	per 100,	20.00

DAVIS BROS., Morrison, Ill.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

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J. H. B.

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The services of the following veterans have been secured as judges: W. Gomersall, M. Lynch, E. Dailledouze, D. Little, G. Hale, R. Williamson, J. Duncan.

Wm. Turner showed a fine vase of Liberty roses.

Wallace Clark and Thomas Lee were elected to membership.

ROBERT ANGUS.

KALAMAZOO, MICH.—G. Van Bochove & Bro. have built a new cold room 14x16, also a packing room two stories high, with all modern conveniences, to be used for packing for their wholesale trade.

GRAND RAPIDS, MICH.—The 30th annual meeting of the Michigan Hort. Society will be held here Dec. 4th to 6th, inclusive.

CHAMPAIGN, ILL.—The Illinois State Hort. Society meets here Dec. 11 to 13. Full details may be had from L. R. Bryant, Sec'y, Princeton, Ill.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

HEACOCK'S PALMS. I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.;	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant,	2½-inch pot,	8 to 10 inches high	$15 00 per 100
1 "	3 "	10 to 12 "	20.00 "
1 "	4 "	18 inches high	.50 each
3 "	5 "	18 "	1.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.;	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "
8 "	6 "	48 to 50 "	4.00 "	48.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.



A Fine Lot of.... PLANTS at Low Prices.

	Per 100.	Per 1000.
Geraniums, choice mixed, 2½-in.	$1.50	$12.50
Chinese Primroses mixed, 2½-in.	1.50	12.50
Hardy Pinks (Grass) Clumps	1.50	12.50
Flowering Begonias, mixed, 2½-in.	1.50	12 50
Calla Bulbs, medium sized	5.00	40.00
Field-Grown Roses, Bride, Bridesmaid and Perle	5.00	40.00
Sedum Variegatum (Border Plant), 2¼-inch	2 00	15.00
Rose Geranium, Scented	1.50	12.50
R. C. Carnation Morning Glory (Light Pink)	5.00	40.00
Pansy Seed, Giant Flowering, mxd.	1.00 per oz.	
Pansy Plants, transplanted 6 weeks, 10 leaves and buds, $5.00 per 1000.		
Hardy Ferns, mixed, 4-in. per 100, $5.00; 1000, $40.00		

50 plants at 100 rates; 250 at 1000 rates. (Cash)

THE MORRIS FLORAL CO., Morris, Ill.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

VEGETABLE PLANTS.

CABBAGE H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage. Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

CABBAGE PLANTS.

New Early, H. Succession, Early and Late Flat Dutch, Charleston and Jersey Wakefield, etc., $1.00 per 1000; 75c per 1000 in 10,000 lots.

Lettuce Plants. Big Boston, Boston Market, White Loaf, Tennis Ball, etc., $1 00 per 1000; 75c per 1000 in 10,000 lots. Cash with order.

J. S. LINTHICUM, - Woodwardville, Md.

Mention The Review when you write.

Hardy Herbaceous Plants

All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $5.00 per 100, $45.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St. HOLLAND, Mich.

Mention The Review when you write.

WORTH $10.00 TO ANY FLORIST.

THIS BOOK COST $3,000.00

Yes, more than that. It will save you Time, Trouble and Money.

Valuable Experiences for Little Money.

After reading Mr. Wm. Scott's Manual we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
JOHN THORPE.
Chicago.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
H. WEBER & SONS.
Oakland, Md.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it, that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.
M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
GEO. S. OSBORN.
Hartford, Conn.

I greatly appreciate the "Florists' Manual." It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

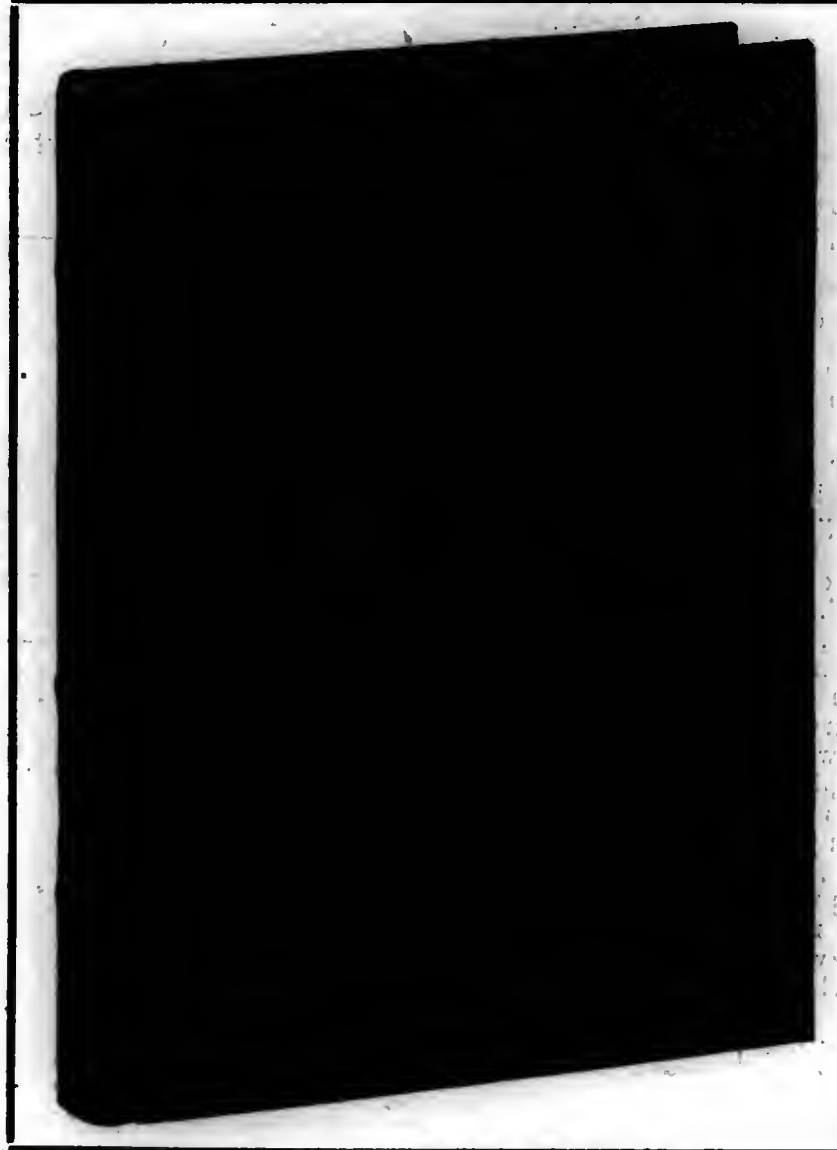
The "Florists' Manual" is worth five times the price. It is just what a busy florist wants.
B. BUEHLER & SON.
Columbus, O.

Unlike so many of our books, it has the very flavor and essence of actual experience.
L. H. BAILEY.
Ithaca, N. Y.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
H. D. DARLINGTON
Flushing, N. Y.

We are in receipt of "The Florists' Manual," by Mr. Scott and may say that it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

I am very much pleased with the Manual. It is just what we have needed for a long time.
N. ZWEIFEL.
Milwaukee, Wis.



THIS BOOK WILL HELP YOU

Make More MONEY

PRICE $5.00 PREPAID.

FLORISTS' PUB. CO., 520-535 Caxton Bldg., CHICAGO.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand and enjoy reading.
M. NAUMAN.
Etna, Pa.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
JOS. KIFT & SON.
Philadelphia.

Florists' Manual, by Wm. Scott. Publishers, Florists' Publishing Co., Chicago. Price, $5.00.
From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as those which have appeared in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutibility in methods, etc., so that the Manual, containing as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.
—Florists' Exchange.

We have gotten much valuable instruction from the "Florists' Manual" and prize it highly.
TRUETT BROS.
Franklin, Tenn.

The Florists' Manual is a gem. No florist can afford to be without it.
A. J. BAUR.
Madison, N. J.

Manual to hand. Am well satisfied that is the best work of its kind ever published.
JAS. HARTSHORNE.
Joliet, Ill.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

Am much pleased with the Manual. It is a practical, everyday helper, concise and to the point.
W. A. KENNEDY.
Milwaukee, Wis.

REREAD AND REFER TO OFTEN.

EXPAND IT BY ADDING CLIPPINGS.

SAMUEL S. PENNOCK. **Wholesale Florist**

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Wm. Turner showed a fine vase of Liberty roses.

Wallace Clark and Thomas Lee were elected to membership.

ROBERT ANGUS.

KALAMAZOO, MICH.—G. Van Bochove & Bro. have built a new cold room 11x16, also a packing room two stories high, with all modern conveniences, to be used for packing for their wholesale trade.

GRAND RAPIDS, MICH.—The 30th annual meeting of the Michigan Hort. Society will be held here Dec. 4th to 6th, inclusive.

CHAMPAIGN, ILL.—The Illinois State Hort. Society meets here Dec. 11 to 13. Full details may be had from L. R. Bryant, Sec'y, Princeton, Ill.

PITTSBURG CUT FLOWER CO., Ltd.

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HEACOCK'S PALMS. I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.;	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant,	2¼-inch pot,	8 to 10 inches high	$15 00 per 100
1 "	3 "	10 to 12 "	20.00 "
1 "	4 "	18 inches high	.50 each
3 "	5 "	18 "	1.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.;	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "
8 "	6 "	48 to 50 "	4.00 "	48.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

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A Fine Lot of.... PLANTS at Low Prices.

	Per 100.	Per 1000.
Geraniums, choice mixed, 2½-in.	$1.50	$12.50
Chinese Primroses mixed, 2½-in.	1.50	12.50
Hardy Pinks (Grass) Clumps	1.50	12.50
Flowering Begonias, mixed, 2½-in.	1.50	12 50
Calla Bulbs, medium sized	5.00	40.00
Field-Grown Roses, Bride, Bridesmaid and Perle	5.00	40.00
Sedum Variegatum (Border Plant), 2¼-inch	2 00	15.00
Rose Geranium, Scented	1.50	12.50
R. C. Carnation Morning Glory (Light Pink)	5.00	40.00

Pansy Seed, Giant Flowering, mxd. 1.00 per oz.
Pansy Plants, transplanted 6 weeks, 10 leaves and buds, $5.00 per 1000.
Hardy Ferns, mixed, 4-in. per 100, $5.00; 1000, $40.00
50 plants at 100 rates; 250 at 1000 rates. (Cash)

THE MORRIS FLORAL CO., Morris, Ill.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

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CABBAGE H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

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New Early, H. Succession, Early and Late Flat Dutch, Charleston and Jersey Wakefield, etc., $1.00 per 1000; 75c per 1000 in 10,000 lots.

Lettuce Plants. Big Boston, Boston Market, White Loaf, Tennis Ball, etc., $1 00 per 1000; 75c per 1000 in 10,000 lots. Cash with order.

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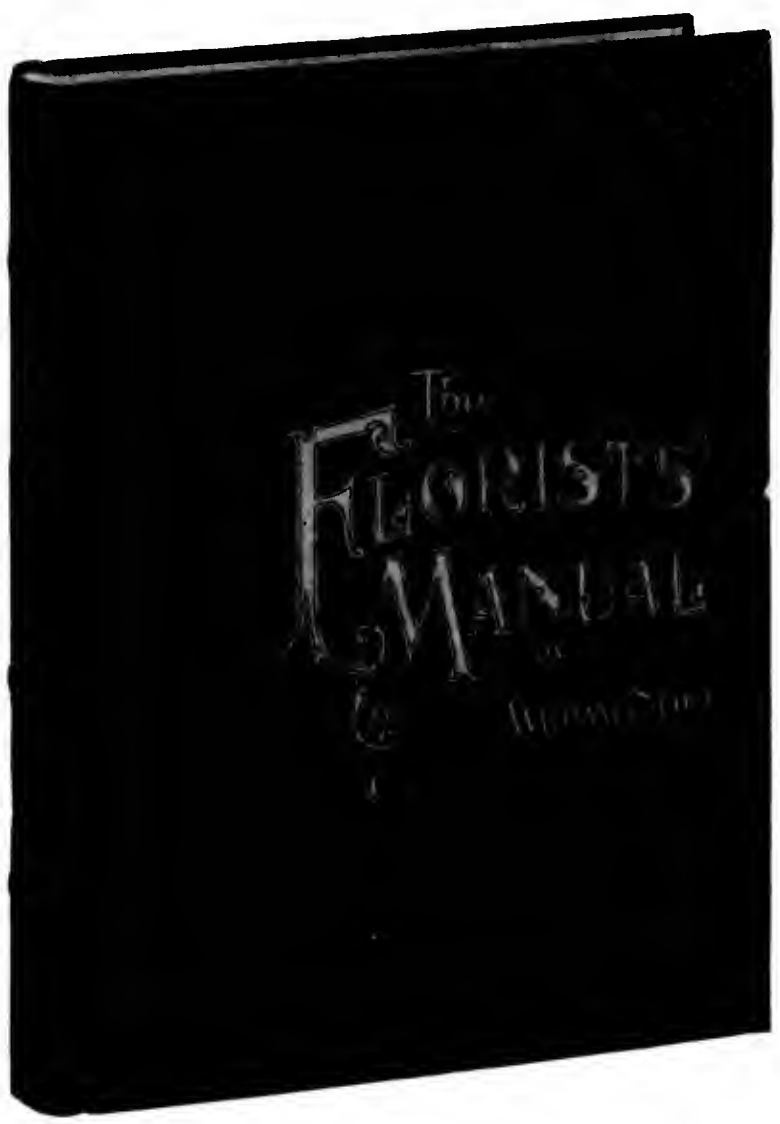
All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $1.00 per 100, $45.00 per 1000. Cash with order.

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The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it, that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

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North Adams, Mass.

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Unlike so many of our books, it has the very flavor and essence of actual experience.

L. H. BAILEY.
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If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.

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Florists' Manual, by Wm. Scott. Publishers, Florists' Publishing Co., Chicago. Price, $5.00.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as those which have appeared in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutibility in methods, etc., so that the Manual, containing as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.

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We have gotten much valuable instruction from the "Florists' Manual" and prize it highly.

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REREAD AND REFER TO OFTEN.

EXPAND IT BY ADDING CLIPPINGS.

ST. PAUL.

The Market.

Trade has been very good, which is encouraging considering the unusually warm fall which we have had. Everything has sold well, both in plants and flowers, and now that mums are here again we shall expect sales to increase daily.

In roses, American Beauties have been in greater demand than ever before, with an insufficient supply of home grown stock to meet it. Other roses have also been in good demand, with a fair supply to meet it. Wholesale prices have averaged from 3 to 4 cents for first grade blooms. At retail they have sold for $1 per dozen.

Among the recent introductions here are Liberty, Golden Gate and Lady Dorothea. So far the first named has not come up to the high standard expected. Golden Gate gives great promise for funeral design work, but is not in great favor otherwise. Lady Dorothea is a grand addition to our list of good roses, and will undoubtedly become very popular with both growers and buyers.

Carnations have been in unusually good demand, and choice stock has commanded nearly as good prices as roses. Crane, White Cloud, Triumph, Jubilee, Victor, Flora Hill, Maceo and Daybreak are the principal varieties grown. Lawson, Joost, Marquis, Ethel Croker and Olympia are very favorably received, while the standbys of two or three years ago have nearly all been discarded. Evolution and expansion seem to be the order of the day in the floral as well as in all other lines of commercial enterprise.

Boston ferns, Sprengeri and Kentias seem to be in greater demand than ever before. Nephrolepis davallioides furcans sell well also. Owing to the warm weather bulbs have not sold very rapidly.

It is needless to say that mums sell well, but the blossoms are hardly up to the high standard of former years. For an early pink, Rose Owen is a prime favorite. Mrs. H. Robinson is in now, and is the best white so far. Next week we may expect many more of these choice Queens of Autumn.

At this writing a killing frost has not occurred, and many flowers in the open ground are in full blossom. This mild weather is encouraging to the growers, as coal bills are light.

The death of five firemen, killed while on duty, as well as several prominent citizens, called for a large number of funeral designs, and nearly caused a scarcity of stock.

At the city park a new house has been completed, adding much needed space for propagating bedding stock.

X. Y. Z.

INQUIRIES.

Readers are requested to always sign their names and addresses to inquiries. Initials or pseudonyms may be used for publication, but we must know from whom the inquiry comes and be in a position to communicate with the inquirer by mail.

BEGONIA GLOIRE DE LORRAINE

Fine strong 2½-in. plants, for immediate delivery, $17.50 per 100; $175.00 per 1000.
Strong 3-in. stock, $4.00 per doz.; $30.00 per 100.
We control the largest and healthiest stock in this country.

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4 Acres Field-Grown Carnation Plants, 120,000

Mayor Pingree Crimson Sport Jubilee Eldorado Maude Adams McGowan
L. L. Lamborn Sweet Briar Portia Mrs. Fisher Albertini Dorothy Sweet C. A. Dana
$1.00 per doz.; $4.00 per 100.

J. L. DILLON, - - - BLOOMSBURG, PA.

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Carnations.

FIELD-GROWN STOCK.

Gen. Gomez, Mrs. Bradt and Glacier, strong stock, $6 per 100; Pingree and Argyle, $4 per 100.

ASPARAGUS SPRENGERI, strong stock, 2-inch, $3 per 100, 3 " 4 " 3½ " 6 " 4 " 10 "

F. DORNER & SONS CO.,
LA FAYETTE, IND.

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CHRYSANTHEMUMS. Stock plants. New and standard varieties. Send for list. Early varieties READY NOW.

CARNATIONS. Field-grown plants all sold. Orders booked now for rooted cuttings of Genevieve Lord, the finest commercial pink to date. Ready Jan. 1st, $5.00 per 100; $40.00 per 1000. Correspondence with large growers specially invited.

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Surplus CARNATIONS.

600 Gen. Gomez	3c	500 Sandusky	4c
250 Melba	4c	80 Maud Adams	4c
200 Daybreak	2c	40 America	8c
200 Victor	2c	50 Jubilee	8c
100 Gold Nugget	6c	75 Argyle	8c

W. E. HALL, CLYDE, O.

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Carnations and Violets

California Field Grown, strong and healthy.

ELDORADO, SCOTT, McGOWAN, PORTIA, $5.00 per 100.

GEO. F. CURWEN, VILLA NOVA, P. O., Del. Co., Pa.

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CARNATIONS. We have about 500 each of Flora Hill & New York, fine plants at $3.50 per 100; also Scott, John Young, Genesee, Freedom, Melba, Morello and Dazzle at $2.50 per 100.

ROSES. We still have some Maids and Brides in 3-inch pots, at $2.50 per 100 now, to close out.

CRABB & HUNTER, Grand Rapids, Mich.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

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MR. THERON PARKER,
Brooklyn, N. Y.
DEAR SIR:—Your Model Carnation Support is all right in every way, and will no douht be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Speclalties are as good, they should make another addition to the money makers of 1900.
Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,
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THE MODEL ROSE STAKE Looped and Pointed.

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Albertini, Tidal Wave, Armazindy and Triumph, $4 per 100; $35 per 1000

FIELD-GROWN VIOLETS, $4 per 100; $35 per 1000.

Pot-Grown Violets, 3-inch, $3 per 100; 4-inch, $4 per 100.

SMILAX PLANTS, 3-in., $3.00 per 100.

VINCAS, field-grown, $3.00 and $4.00 per 100.

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All the best varieties. Write us.

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WONDERFUL BARGAINS IN HARDY HERBACEOUS PLANTS.

A Chance of a Life Time to Secure Heavy Undivided Stock at Prices that Defy Competition.

Owing to being considerably overstocked, we make this special offer, for a short time only. Plants are well-grown, large, true to name and shipped just as they come from the ground without dividing. Prices are for cash with order.

Delphinium Elatum Hybridum, field-grown.
Dianthus, Barbatus, field-grown.
Digitalis Monstrosa, field-grown.
Eulalia Japonica, 3½-inch pots.
Eulalia Japonica, variegated, 3½-in. pots.
Eulalia Zebrina, 3½-inch pots.
Eulalia Gracillima, 3½-inch pots.
Euphorbia Corollata, 3½-inch pots.
Funkia Coerulea, 3½-inch pots.
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Lychnis Chalcedonica, field-grown.
Lychnis Viscaria Splendens, 3½-in. pots.
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Linum Perenne, 3½-inch pots.
Lathyrus, red and white, 3½-inch pots.
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German Iris, assorted, 3½-inch pots.
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Geum Atrosangineum, field-grown.
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Hardy Pinks, 5 splendid varieties, 3½-in. pots.
Hibiscus, Crimson Eye, 3½-inch pots.
Helianthus Multiflorus Plenus, 3½-in. pots.
Helianthus Soliel d'Or, 3½-inch pots.
Heliopsis Pitcherianus, field-grown.

$3.00 PER 100.

Iberis Gibraltarica, field-grown.
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Primula Varis Elatior, 3½-inch pots.
Primula Japonica, 3½-inch pots.
Myosotis Palustris, 3½-inch pots.
Phlox Decussata, 12 fine sorts, 3½-inch pots.
Phlox Subulata Rosea. 3½-inch pots.
Phlox Subulata Alba, 3½-inch pots.
Pyrethrum Roseum, field-grown.
Penstemon, assorted, field-grown.
Platycodon Grandiflorum, blue, 3½-inch pots.
Platycodon Grandiflorum, white, 3½-inch pots.
Platycodon Mariesii, mixed, 3½-inch pots.
Matricaria, double white, 3½-inch pots.
Oenothera Frazerii, 3½-inch pots.
Oenothera Rosea, 3½-inch pots.
Japanese Iris, mixed, including 12 varieties.
Rudbeckia, Golden Glow, field-grown.
Rudbeckia, Newmanii, 3½-inch pots.
Scabiosa Caucasica, field-grown.
Salvia Pratensis, field-grown.
Statice Armeria, 3½-inch pots.
Statice Latifolia, field-grown.
Valeriana, mixed, field-grown.
Tritoma Grandiflora, 3½-inch pots.
Monarda Didyma, field-grown.
Iris Siberian, field-grown.

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FLOWERING SHRUBS

of the leading popular varieties, ranging from one to three feet in height, and one to four years in age; adapted to all locations.

50,000 **large** Flowering Shrubs, from four to seven feet; bushy, symmetrical, fine and thrifty. Excellent for planting new places where Immediate effect is desired.

Bargains in these by the quantity, as they occupy land which must be cleared.

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Extra strong field-grown clumps.

California.....$4.00 per 100
Princess of Wales..... 5.00 "

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Superiority for GREENHOUSE HEATING.

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ACALYPHA.

Acalypha Sanderi, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., strong plants, $5.00 per 100.
Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGAVES.

Variegated century plants, 9 extra fine plants, 2 to 3 ft. high, to the highest bidder. Come quick. Chas. Pommert, Greenfield, Ohio.

AGERATUM.

Louise Bonnatt, latest novelty in white, rooted cuttings, $1.00 per 100. Princes Pauline, rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

ALTERNANTHERA.

Three choicest dwarf varieties, rooted cuttings, 60c per 100; $5.00 per 1000. South Side Floral Co., Springfield, Ill.

ARAUCARIAS.

	Each.
Excelsa, 3-inch, nice plants	$0.50
Excelsa, 4-inch, nice plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
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Araucaria excelsa, 24-in., 4 to 5 tiers, $1.50; 30-in., 5 to 7 tiers, $2.00. Very heavy tiers and fine plants. Hession, Clarkson St., Brooklyn, N. Y.

Araucaria excelsa, fine plants, 4 tiers of leaves, $1.00 each; $10.00 per doz. The Good & Reese Co., Springfield, Ohio.

ASPARAGUS.

	Pot.	Doz.	100.
Plumosus Nanus	2-inch	$0.50	$4.00
Plumosus Nanus	3-inch	1.00	8.00
Plumosus Nanus	4-inch	1.50	12.00
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	5.00	
Sprengeri	8-inch	10.00	
Tenuissimus	3-inch	1.00	8.00

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus Sprengeri.....6-in. pots, $25.00 per 100
" " .....3 " 6.00 "
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Lake View Rose Gardens, Jamestown, N. Y.

Sprengeri and plumosus nanus, extra strong stock from 2½-in. pots, ready for 3-in., $5.00 per 100; $40.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

A. Sprengeri, strong stock, 2-in., $3.00, 3-in., $4.00, 3½-in., $6.00, 4-in., $10.00 per 100. F. Dorner & Sons Co., LaFayette, Ind.

Sprengeri, strong 3-in., ready for 4-in., 4c; 2¼-in., ready for 3-in., 2½c. South Side Floral Co., Springfield, Ill.

A. Sprengeri, 2½-in., strong plant, $2.50 per 100; $20.00 per 1000. The Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri, 2-in. pots, $2.50; A. plumosus, 2-in. pots, $3.50 per 100 Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

A. Sprengeri and plumosus, 4-in., $15.00; 3-in $10.00 per 100. Wholesale cut flowers.
Chris. Hansen, St. Paul, Minn.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

1000 A. Sprengeri, 4-in., $1.00 per doz.; $7.00 per 100. Ben. L. Elliott, Cheswick, Pa.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Cash. J. A. Fries, Bethlehem, Pa.

Asparagus plumosus all sizes.
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AZALEAS.

Azaleas—Having just received a large shipment of these in first-class condition, well set with bud, I make the following special offer for immediate delivery, before plants are potted, f. o. b. Philadelphia. Simon Mardner, Mme. Van der Cruyssen, Bernhard Andrea Alba:

14 to 16 in. diam....	$ 7.50 per doz;	$ 55.00 per 100
16 to 18 in. diam....	12.00 per doz;	90.00 per 100
18 to 20 in. diam....	25.00 per doz;	200.00 per 100
Vervaeneana,		
15 to 18 in. diam..	12.00 per doz;	90.00 per 100

JACOB BECKER, 52d and Market Sts., Philadelphia, Pa.

Special prices for immediate orders. Fine bushy crowns, well set with buds:

	Doz.	100.
10 to 12 in. in diameter	$ 4.60	$ 35.00
12 to 14 in. in diameter	6.00	45.00
14 to 16 in. in diameter	7.50	55.00
16 to 18 in. in diameter	12.00	90.00
18 to 20 in. in diameter	25.00	200.00
20 to 24 in. in diameter	36.00	300.00

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Cyrtomium Falcatum	3-inch	1.00	8.00
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Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	4-inch	2.00	
Nephrolepis Bostoniensis	5-inch	3.00	
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Have a Grandmother's Garden! Old-fashioned Roses, Honeysuckles and Hardy Shrubs at low rates. Ready November 1. The Grove Gardens, Box 29, Delaplane, Va., Fauquier Co.

About 300 kinds of hardy perennials, lilies, orchids, ferns, campanulas, delphiniums, hardy pinks, iris, lychnis, aquilegias. Catalogue sent. Edw. Gillett, Southwick, Mass.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Choice shrubbery at lowest surplus prices. All first-class transplanted stock. Also evergreens and shade trees, cheap. E. S. Peterson & Sons, Box 20, Montrose, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Fruit and ornamental trees, shrubs, vines and roses. Write for price list or send your lists of wants for special prices.
W. & T. Smith Co., Geneva, N. Y.

American tree seeds. Our descriptive catalogue of American seeds is just out. Ask for it. Pinehurst Nurseries, Pinehurst, N. C.

Wonderful bargains in hardy herbaceous plants. Heavy undivided stock, $3.00 per 100. For varieties see display adv. in this issue.
Edw. B. Jackson, Stamford, Conn.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

5000 Euonymus Japonica (green), 3 years 24 to 30 in., at $15.00 per 100. Myrtle (Vinca Minor), at $5.00 per 100. Cash with order. T. B. Hyatt & Son, Winfield Junction, N. Y.

Send for trade list, now ready, of tree and shrub seeds, tree seedlings, etc. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Hardy grass pinks, clumps, $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

HYDRANGEAS.

Otaksa, Red-Branched and Thos. Hogg, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

I have 100 Hydrangea Otaksa, field-grown, ready for 8 and 9-in. pots at $2.50 per doz., or the 100 for $15.00. Charlie E. Clark, Woodford, Maine.

Hydrangea Otaksa, 3-in., $3.00; 4-in., $5.00; 5-in., $10.00; 6-in., $12.00. Cash. A. W. Hoyle, Spencer, Mass.

LANTANAS.

Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

LEMONS.

Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100. Strong plants ready to bloom at once, $1.50 per doz.
Good & Reese Co., Springfield, Ohio.

LILY OF THE VALLEY.

3-year-old clumps, 3 to 15 pips each, $2.50 per 100; $18.00 per 1,000. Cash with order.
Wm. A. Finger, Hickaville, L. I., N. Y.

MUSHROOM SPAWN.

We have strictly fresh stock from the best English maker, 10 lbs., $1.00; 25 lbs, $2.00. Special price on large lots.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., $4.50 per 100; $40.00 per 1000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summitt, N. J.

Strong, well established, healthy plants, at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Officinalis rubra, dark red, 2 to 3 years old, 4 to 8 crowns, also Paeonia chinensis, in mixture, 2 years old, $6.50 per 100. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

We have 100 named double varieties, selected for florists' use; all good for cut flowers. 1 each of 100 varieties, $15.00; 1 each of 50 varieties, $6.00; 1 each of 25 varieties, $3.00 Standard red, pink and white $1.20 per doz.
Indianapolis Flower & Plant Co., Indianapolis, Ind.

PALMS, ETC.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, Inches.	No. Leaves.	Per Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	
8	42 to 48	6	3.25	39.00	300.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	.....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	.....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot $1.00		$ 8.00
3½	12 to 14	3 plants in pot $2.00		15.00
4	15 to 18	3 plants $0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	.....	.....	.....	$3.00
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6	extra fine		18.00	

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100
1 plant	2¼	8-10	$15.00
1 plant	3	10-12	20.00
1 plant	4	18 each	.50
3 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	3.00	each

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.

Jos. Heacock, Wyncote, Pa.

Chamaerops, extra, 18-24 in. high, 4-6 char. lvs., $12.00 per 100. Phoenix canariensis, 2-in. pots, very strong, $6.00 per 100. Large, very fine Phoenix, dracaenas and chamaerops, from 4 to 15 ft. high, in boxes or from open ground, price on application. Sabal Blackburniana, 2-in., $5.00 per 100. Cash. A. Roedder, Shorb, near Los Angeles, Cal.

We are crowded for space and offer great bargains in palms. Latanias, 3-in., $1.00 per doz., $7.00 per 100; 4-in., $2.00 per doz.; 5-in., $4.00 per doz.; 6-in., $8.00 per doz. Phoenix reclinata, extra strong, 6-in., $8.00 per doz.

Brown & Canfield, Springfield, Ill.

Pandanus Veitchii, 7-in. pots, beautifully shaped, variegated, $2.00 each. Pandanus Veitchii, 4-in. pots, $50.00 per 100. Large specimens, $3.00 to $5.00 each. Quality the best.

J. A. Peterson, 405 Race St., Cincinnati, O.

Latania Borbonica, 3-in. pots, $15.00; Areca Lutescens, 4-in. pots, $25.00; Cocos Weddeliana, 3-in. pots, $15.00. Plants are vigorous and unusually fine.

Lake View Rose Gardens, Jamestown, N. Y.

Latania borbonica, extra fine stock. 7-in., 9 lvs., $12.00 per doz., 25 for $22.00; 6-in., 7 lvs., $8.00 per doz., 25 for $15.00; 5-in., 6 lvs., $5.00 per doz., 25 for $9.00.

Critchell's, Cincinnati, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.

McGregor Bros., Springfield, Ohio.

Latania palms. Choice stock in fine condition. 5-in., 35c.; 6-in., 50c.; 7-in., 75c. 300 Latania Borbonica, strong, 2½-in., at 3½c.

Joy & Son, Nashville, Tenn.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Palms from 10c to $25.00 each.

Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

For palms and other decorative plants write N. Studer, Anacostia, D. C.

PALM SEED.

Palm Seeds, fresh on hand. Chamaerops Excelsa (in 10-lb. lots at 30c.), per lb., 40c.; Washingtonia Robusta, per lb., 75c.

	Per 100	1,000	5,000
Erythea Edulis (Brahea Edulis)	50c.	$4.00	$18.00
Phoenix Canariensis	50c.	2.00	
Phoenix Reclinata	25c.	2.00	8.75

Germain Seed & Plant Co., Los Angeles, Cal.

Fresh 1900 Kentia seed. We offer until sold, Kentia Belmoreana and Forsteriana at $3.00 per 1000 seeds, net; 100 seed by mail 65c. Guaranteed. H. H. Berger & Co., 47 Barclay st., New York.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Strong plants ready now. Strain remarkable for size and color of bloom. By mail 50c per 100; by express $3.00 per 1000. E. Fryer, Batavia, Ill.

Pansy plants, large flowering, 50c per 100; $2.50 per 1000. Ready Nov. 10.

Jos. H. Cunningham, Delaware, Ohio.

Giant Trimardeau, strong and stocky, 75c per 100 by mail; $5.00 per 1000 by express.

Harry White, New Holland, Ind.

Pansy plants, transplanted, 10 leaves and buds, $5.00 per 1,000.

Morris Floral Co., Morris, Ill.

PRIMROSES.

Special Offer. 10,000 Chinese Primroses. For the next two weeks we will sell our finest strain of separate colors, single and double primroses for $2.50 per 100; $20.00 per 1000. All colors mixed, $2.00 per 100; $15.00 per 1000. Plants are extra fine, 2½ inch pots. Terms cash. Address S. Alfred Baur, successor to Henry Niemeyer, Erie, Pa.

Primroses. A1 plants from 2½-in., $2.00 per 100, 35c per doz.; 3-in., $5.00 per 100. All will bloom for Christmas. Jno. E. De Walt, Box 82, Carlisle, Pa.

Chinese primroses, red, white and mixed, 3-in., $2.50; 4-in., $4.00 per 100.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Latest improved, large-flowering, 2¼-in., $1.50; 3-in., extra strong, $4.00 per 100. Cash.

J. W. Miller, Hatton, Pa.

Chinese, mixed, 2½-in., $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

Primroses, mixed, 2½-in. $2.00 per 100. M. & S. L. Dysinger, Albion, Mich.

Baby Primrose, 2¼-in., $4 00 per 100. Cash.

Greene & Underhill, Watertown, N. Y.

Chinese, large-flowering, 2-in., $1.25 per 100.

Jos. H. Cunningham, Delaware, Ohio.

ROSES.

Grand offer to close. Fine plants. None better. We are compelled to move them as we must have room. A grand benefit to any one desiring good rose plants.

			Per 100	Per 1,000
1,000	Bridesmaids	3½-in. pots,	$1.50	$12.00
500	"	2 "	1.00	9.00
3,500	Brides	3 "	1.50	12.00
1,200	"	2 "	1.00	9.00
3,000	Meteors	3 "	1.50	15.00
500	Mme. Chatenay	4 "	1.50	
100	Mme. Cusin	2 "	1.00	
125	" "	4 "	1.50	
200	Golden Gate	2½ "	1.50	
50	Lady Dorothea	2¼ "	1.50	
700	Maid of Honor	4 "	2.00	
700	" "	2½ "	1.00	

Lake View Rose Gardens, Jamestown, N. Y.

Strong field-grown roses. American Beauty, La France, $20.00 per 100; Brides, Maids, $10.00 per 100; Perles, $12.00 per 100. These plants will fill 6 to 8-in. pots; were formerly grown on benches. Strong field-grown Kaiserins, for 6-in. pots, $12.00 per 100. Cash with order. A. Waidbart, Hamilton Ave. & Horton Pl., St. Louis.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Wood Bros., Fishkill, N. Y.

4,500 2-year-old roses. Who wants them at 5c. each, or $45.00 per 1,000. Send for list of varieties. Samples for 50c.

Jos. Lalhr & Son, box 280, Springfield, Ohio.

Strong Brides, Meteors, Maids, 3-in., 12 to 18 inches high, $2.00 per 100. Golden Gates, Perles, 2½-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

Per 100: Beauties and Maids, 3-in., $3.00; Meteors, 3½-in., extra strong, $4.00; President Carnot, 4-in., $7.00. All strong, healthy plants.

Brown & Canfield, Springfield, Ill.

Roses in fine condition. Bride, Golden Gate and Maid of Honor from 2½-in., $2.00 per 100. 3½-in., $3.00 per 100. Cash with order.

R. H. Murphey, Urbana, Ohio.

1,000 field-grown roses, 3-ft. high and strong. Brides, Maids and Meteors, La France and Kaiserin, 8c. Ready November 10.

Joy & Son, Nashville, Tenn.

Marechal Niel roses, 15 inches and over in height, healthy plants, $4.00 per 100; $35.00 per 1000. Good & Reese Co., Springfield, Ohio.

ROSES—Continued.

Roses for the South. Varieties best adapted for southern planting, stock A 1. Write for price list. J. B. Heiss, Dayton, Ohio.

Bride, Bridesmaid and Perle, field-grown, $5.00 per 100; $40.00 per 1000. Morris Floral Co., Morris, Ill.

Maids and Brides in 3-in., to close out, $2.50 per 100. Crabb & Hunter, Grand Rapids, Mich.

Field-grown roses, $8.00 per 100. Crimson Rambler, 2 to 4 ft. Wm. K. Nelson, Augusta, Ga.

Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00.
A. S. MacBean, Lakewood, N. J.

Strong, 2-year field-grown Baltimore Belle, own roots, $2.00 per doz.
S. J. Galloway, Eaton, Ohio.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIAS.

The two new Russelias, Lemoinei multiflora and Lemoinei elegantissima, 50c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvia splendens, rooted cuttings, $1.00 per 100. South Side Floral Co., Springfield, Ill.

SEEDS.

Cyclamen giganteum, fine, mixed, $12.00 per oz.; 100 seeds 50c. Hardy Primulas, trade pkt., 20c.; oz. $4.00. Yellow primulas, trade pkt., 25c. Vinca, mixed, $1.00 per oz. Pansy, giant Mme. Perret, the finest pansy in the market, extra strong grower, large-flowering, most all colors, the only one fit for cut flowers, per pkt., 25c; per oz., $4.00. Melle Cecils Davy, the only pansy in the market, stands more hot weather than any other kind, trade pkt., 25c; oz. $4.00
Beaulieu, Woodhaven, N. Y.

Sweet Pea seed, early forcing sorts, 25c per lb. Smilax seed, 30c per oz. A. Sprengeri seed, 100, 50c; 1000, $4.00. Benary's finest stock, 10 weeks, separate colors or mixed—white, blue, red, rose—pkt., 10c; trade pkt., 25c. H. H. Berger & Co., 47 Barclay St., New York.

Pansy, Giant German-American, mxd, $5.00 per oz. Large fl. English Cineraria or Primula, mxd, 50c per pkt. Cyclamen, Giant English, mxd, $1.00 per 100s. Rolker's Superior Primula, mxd, $1.50 per 1-16 oz.
August Rolker & Sons, 52 Dey St., N. Y.

Choice, hand-fertilized, pedigree carnation seed grown from all the leading varieties, 100 seeds, 25c; 1000 seeds, $2.00; 500 at 1000 rate. Try it. S. Lenton, Box 264, Long Beach, Cal.

Wholesale price list for florists and market gardeners,
W. Atlee Burpee & Co., Philadelphia, Pa.

Pansy seed, giant flowering, mixed, $1.00 per oz. Morris Floral Co., Morris, Ill.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Good bushy plants from 2 and 2½-in. pots; must sell, $5.00 per 1,000; 75c per 100. Write for sample. R. Kilbourn, Clinton, N. Y.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax plants, 3-in., $3.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Smilax, strong 2-in., $1.25 per 100.
South Side Floral Co., Springfield, Ill.

SPIRAEA.

Blue and crimson spiraea, 2½-in., fine, 3c; field stock, 6c. Cash.
Benj. Connell, Florist, West Grove, Pa.

STEVIA.

Stevia, 7 and 8-in. pots, 20 to 25 shoots, $1 50 per doz. C. C. Pollworth Co., Milwaukee, Wis.

VEGETABLE PLANTS.

Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1000, $8.50 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball, 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

Cabbage plants—New Early, H. Succession, early and late Flat Dutch, Charleston, Jersey Wakefield, $1.00 per 1,000; 75c per 1,000 in 10,000 lots. Lettuce plants—Big Boston, Boston Market, White Loaf, Tennis Ball, $1.00 per 1,000; 75c per 1,000 in 10,000 lots. Cash. J. S. Linthicum, Woodwardville, Md.

Asparagus Roots. We have to offer 100,000 Palmetto, 400,000 Conover's Colossal Asparagus Roots, also 150,000 Barr's Mammoth, all strong, vigorous 2-year-old roots, and are now prepared to receive orders for delivery in the fall of 1900 and spring of 1901. Send for price list. Wm. R. Bishop, Seedsman, Burlington, N. J.

VERBENAS.

Lemon verbenas, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 2¼-in. $3.00, 3-in. $5.00, 4-in. $10.00, 5-in. $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1000. Cash.
Greene & Underhill, Watertown, N. Y.

Vincas, variegated, strong field-grown, extra fine plants, $6.00 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

Vinca major var., field-grown, 2 to 3 ft., fine, $6.00 per 100. Cash please.
Benj. Connell, Florist, West Grove, Pa.

Vincas, field-grown, $3.00 and $4.00 per 100. W. F. Kasting, 481 Washington St. Buffalo, N. Y.

Major var., strong field-clumps, 8 to 10 vines, 2 to 4 feet long, $4.00 per 100. Cash.
Dann & Son, Westfield, N. Y.

VIOLETS.

Money in violets. Practice the methods of culture and marketing explained in Professor Gallaway's book, Commercial Violet Culture, 224 pages, elegantly printed and illustrated, price, postpaid, $1.50. Other books of same publishers are The Water Garden, by Wm. Tricker, price $2.00; Commercial Plants, by G. W. Oliver, price $1.00. Residential Sites and Environments (Landscape Gardening), by J. F. Johnson, price $2.50. Send for Catalogue. Address A. T. De La Mare, Ptg. & Pub. Co., Ltd., 2 Duane St., New York.

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TROY, MO., Aug. 15.—In time Troy may come to be called the "city of catalpas." There are about 1,200 of these trees now flourishing in a growth six feet high. The residents of Troy are not especially fond of this tree, and the planting of them in such numbers was quite a matter of accident.

A little over a year ago a man representing himself as the agent of a St. Louis nursery visited Troy and confided to the people that the company he represented had discovered something new in the strawberry line. This new berry grew on a bush, and he showed a handsome illustration of a bush about a foot high, bearing an abundance of large berries. The new fruit he called the "Alpine, or tree strawberry," and explained that its native home was in the mountains of Scotland. A single tree, three years old, he said, would produce in the season from one-half to a gallon of berries every day.

A dozen and a half plants were sold for $1.50. Though there were some misgivings on the part of the purchasers, the man was given a number of orders.

In the fall cuttings came duly to each purchaser, bearing a tag with the name of the "company" the Troy "agent" had said he represented. The plants were promptly set out, and in the spring each gardener smiled to see the number of green shoots that his plants were putting forth. But now the summer is nearly gone and it is quite evident that there will be no "Alpine strawberries" for the breakfast table of Troy. When one neighbor passes another's garden he considerately turns his head and refrains from commenting upon the fine growth of the catalpa trees.—ST. LOUIS REPUBLIC.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

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Thanksgiving Number

.....OF THE.....

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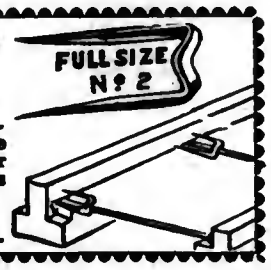
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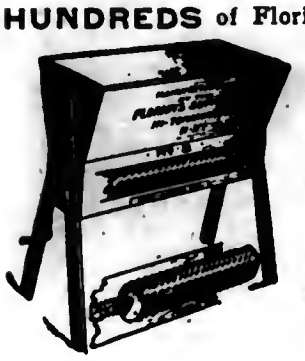
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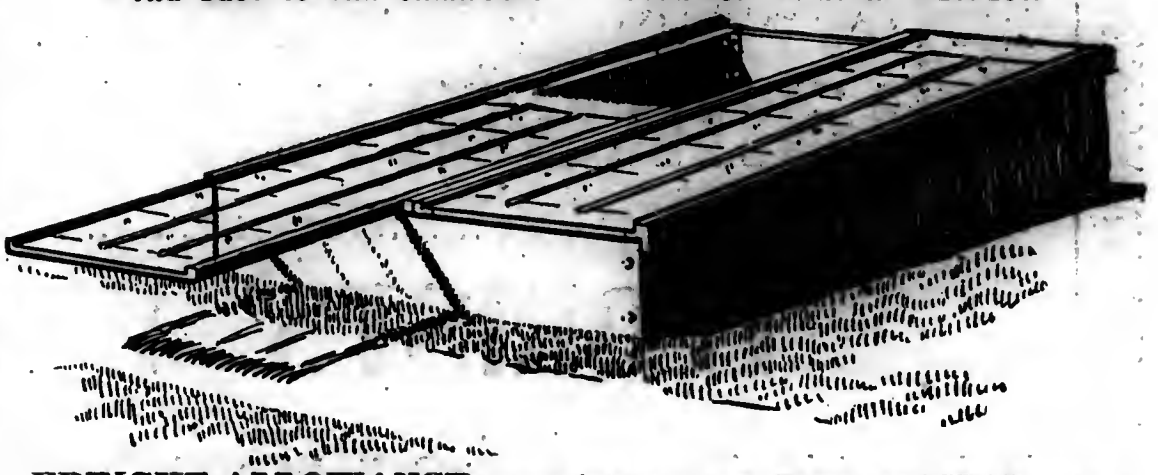
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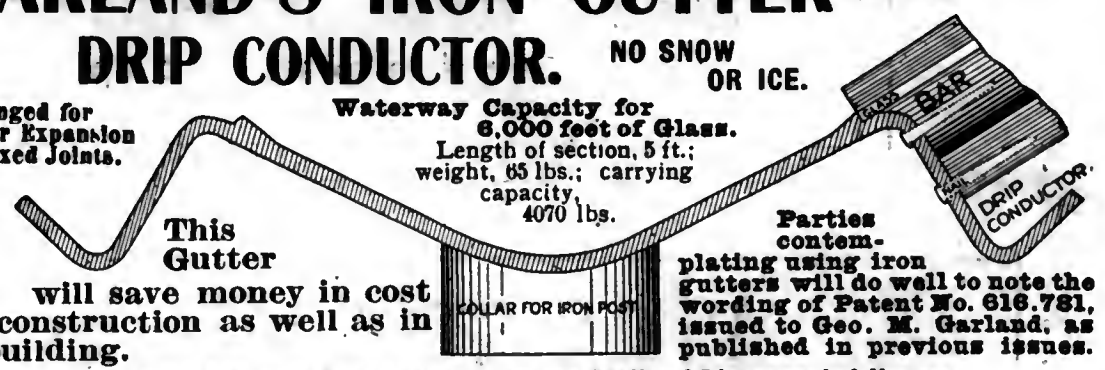
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FLORISTS REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VI. CHICAGO AND NEW YORK, NOVEMBER 8, 1900. No. 154.

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THE RETAIL FLORIST.....

Table Decorations.

Table decoration could be made an endless subject, for it is largely a matter of individual opinion. Whatever we have scribbled in this department of the REVIEW has been but the reflections of our own experiences. There is no part of the florist's business so exacting or that requires so much ability, not mere artistic ability, but tact, self-confidence, courage, diplomacy or anything you wish to say, that calls for being equal to all elements of human nature. The florist meets part of it when Madam orders the flowers, he meets it in other forms in the kitchen, in the pantry, and in the dining room of the house where he goes to execute the order, and in many cases it is hard to bear. We have found it best to make friends of all except where it required a lowering of one's dignity. By that we only mean that the florist who can successfully decorate a table is equal, in many cases superior in intelligence in a way to any one employed in a house, and should not act otherwise. The world is made queer by the people who are in it, and if you aspire to success you must study and know the people you depend on.

There is nothing living which is not dependent. The vanities of civilization aim to hide that fact. Numerous are those who consider themselves beyond the need of advice, but still more numerous are they who hunger for or take it. Florists should realize and appreciate the fact that the wealthiest, the most artistic and intelligent of people invariably consult or abide by his ideas considering table decoration.

They often give him credit for what he does not possess and vice versa; nevertheless, they are inclined to display confidence and he to assume responsibilties which are great. It often occurs that the florist is looked upon as an authority on all pertaining to the beauty of the dinner table, and many times, in the case of young people, or those unaccustomed to giving formal dinners, there is much hesitancy which can be dispelled by a few hints from the florist.

In any case there is no harm in knowing how to set a table and what constitutes a properly dressed table. There are no set rules, for every woman or butler have little fancies of their own which they delight in bringing into prominence on every occasion, and more particularly where it is expected there will be a concentration of attention. There are, however, general principles which all have to recognize.

In the first place, perhaps you are called upon to give size of table required for a certain number of people, and this is very often influenced by size of room, etc. But we will deal with a table specially set for exhibition. Take a round table 6 feet in diameter; this will be large enough for a party of eight. The requirements for a formal dinner are that the plates should be set every 24 inches; you can size your table accordingly. First the table is covered with a thick cotton sheet; this is usually padded to the thickness of a blanket; it should reach 6 to 12 inches over the rim of the table; its purpose is to make the linen set better and to deaden the sound of the dishes. The linen cloth over this should be immaculately clean, of the finest quality, and the creases should radiate from the very center of the table; make sure of this, because it is of great importance. This cloth should never be skimpy, nor reach the floor. Many table cloths are woven in square or circular design, and care must be taken to match the shape of your table.

When the cloth is properly set and smoothed out, set your dinner plates at regular distances of 24 inches; if the table is a shade too large divide the space between the plates, but they must be exact and be an inch or 1½ inches from the edge of the table; plates should be directly opposite each other. Three forks are put on the left of the plate, bowls facing up, and three knives on the right of the plate, edges facing the plate; soup spoon is sometimes put across in front of the plate; the best place for it is between the knives and the plate, with the oyster fork next to it. The bowls of the spoon and fork should face up. Five glasses are usually placed a little in and to the right of each plate. These consist of water, champagne, sherry, white wine and claret glasses. The color and grouping of these glasses do much to enhance the table. The water glass is supposed to be nearest the plate and the wine glass to be used first nearest edge of table; they should be grouped together compactly, the tallest in the back.

The candlesticks are a matter of choice, but they should be of a kind, and be placed where they will not obstruct the view; a single stem with three branches is perhaps the best, and two of such is sufficient for our present table. The candles, at least the shades, should match the flowers. Too much care cannot be exercised in the selection of candle shades; often people will spend hundreds of dollars for flowers and begrudge $5.00 for correct colored shades, and the consequences are often a spoiled table. Candles should be a little higher than the flowers, because they thus shed their light on the decoration.

Fruit, such as apples, oranges, bananas, etc., are kept on the sideboard. Two choice bunches of greenhouse grapes on silver dishes are placed between the candlesticks, dishes of small cakes, candies and salted almonds are usually placed at convenient positions, as are salt and pepper holders; made up confectionery or solids of any kind are not put on the table; they are carved and served from the sideboard or pantry in courses; butter, sugar, sauces, and such are not used on the table.

A napkin is placed on each plate and the folding of such is a matter of personal taste or ingenuity; however, it should never appear a puzzle for the guest to open it; the simplest way is often the best. A small roll of bread is placed in the napkin. A menu card is placed in front of the host and hostess and a card bearing the name of each guest is placed on the napkin where it can be easily seen. The make-up of these cards is often cause for hard thinking.

Sometimes a table is spoiled by a very small circumstance and the simplest way is mostly always the safest. Some people do many things for novelty's sake, such as painting the guests' names on leaves, and getting up elaborate designs in cards; there is no harm in painting a guest's name on bay leaves, but a good quality, small, plain card is best. Finger bowls are not put on the table till required. Dishes are served on the left of the guest, and in consideration of this corsage bouquets should be worn on the right. The gentlemen's boutonnieres should be placed facing him on the napkin behind the card, the ladies' flowers on the table to the left of the plate and a foot or so from the edge of the table. It mostly depends on the material you use, but a 14 to 18-inch basket is large enough for a 6-foot table.

The general effect of a well set dinner table should be cleanliness, rich, yet delicate and dainty. Overcrowding of dishes is as bad as overcrowding of flowers. Nothing should be there to spoil the appetite, and everything should be convenient for at least the gentlemen to reach and assist the ladies to.

We wrote of the floral part of the table last week and it is unnecessary to repeat it. Rest assured that a properly set American dinner table is the best to be seen anywhere, and the florists are responsible for it being so. In Europe, where flowers are not so profusely used, most of the food is put on the table where the carving is also done. In other cases the table is fixed up with fruit, and again dishes constitute the principal feature. The finest service in the world can be seen in New York, and it very rarely occurs that the richest gold vase is considered good enough unless it contains flowers. In other countries family heirlooms are forced before everyone's eye; here among the best people the beautiful is

looked for. Of course there is the shoddy element in all countries; the worst class are the "apers"—the "would-be's-and cannots."

Many florists make mistakes in arguing with their customers; it is a bad thing to do; any one of them will listen to your suggestion or opinion, but many prefer their own, and in this case be quiet. Some butlers are officious and cannot restrain from attempting superiority, but a good decorator should tolerate no interference from any one except his customer. Always see the table before you start, let the butler set it. Your flowers should not go on until late; you should time yourself to be finished 15 minutes before dinner is announced, and if you are accustomed to being on time there is seldom any nervousness and the flowers look better.

Seasonable Flowers.

Orange blossoms are very scarce at present; we were through two or three houses of orange trees lately and only saw one blossom in the lot. There are plenty of other small flowers, though, among which the Bouvardia Humboldtii corymbiflora (one of the prettiest white flowers on the New York market), Jasminum grandiflorum or J. gracillimum, and lily of the valley.

Among white orchids there is Dendrobium formosum giganteum, Miltonia Roezlii and Pilumna fragrans, a very sweet flower; all these can be had in small quantities from any of the large growers at present. Cattleyas are plentiful and will be obtainable right along. C. labiata is very beautiful now. C. Percivaliana follows, and then the great C. Trianae. Some very fine blooms of Cattleya Dowiana are coming in; this is the choicest of all flowers at present, and is easily worth $1.50 or $2.00 each. It is unusual to see them so late; they are gems. Vanda coerulea will be late this year. Some cypripediums are in; try them with valley or Liberties or Meteors. It is hard to beat a group of Farleyense and Oncidium varicosum Rogersii, which is plentiful just now.

There is considerable more Farleyense being grown this year, yet it is liable to be scarce when most wanted; any one with first-class trade should always have a plant or two of it in the window. Needn't put a frond in with every 25 cents worth of flowers, but it's the best green for orchids. IVERA.



Rooting the top of an old leggy Araucaria.

ARAUCARIAS.

Amputating Leggy Plants.

Having five large araucarias that were in very poor shape owing to bad treatment, and not wishing to throw them away as they had beautiful tops, I concluded to try to save the tops and get rid of the bare lower stem by rooting the tops by the method used for rooting the ficus and the dracaena, merely changing the plan a little.

I cut out a piece of the wood at each side of the stem below a tier of branches, being careful to leave enough of the bark to insure circulation of sap to the top, and having previously cut a 6-inch pot in two, the two halves were wired together around the cut, the pot being filled with a mixture composed of equal parts of soil, sand, leaf-mould and sphagnum, with a little charcoal added.

The plants were kept in a warm, shady place and given plenty of time to root and were not disturbed until roots were seen coming through the bottom of the pot. Taking off the top when rooted is a very delicate operation and must be done carefully. I saw through the old stem just below the pot, and after smoothing the cut with a knife cover it with grafting wax. The plant is then knocked out of the 6-inch pot and repotted into an 8-inch in usual potting soil, but without disturbing the material in which the new roots have formed. The plant is then kept for a week in a warm, moist place, free from draughts, when it is ready for the greenhouse bench.

One of the photographs shows a plant with the top in process of rooting, the pot being supported in position by wire stakes. The second photograph shows the top taken off and potted, with the old stem beside it, and in the third picture is seen several plants that are having their tops rooted by the method described.

I have several times been asked why I did not merely moss the cut as is done in propagating the ficus. The reason is that it takes about three months to root the top of the araucaria and by that time moss would have become decayed, and the ball would contain cavities. And again there is much greater danger of the moss being allowed to dry out at times.

Chicago. JOHN REARDON.

THE BOSTON FERN.

Growing for Pot Plants.

BY JAS. S. WILSON.

[Read before the Chicago Florists' Club, Nov. 2.]

The method of culture is as follows: First, I plant up a house of young plants from 3 to 4-inch pots, about Dec. 1, using rather stiff loam, one-fourth old rotten cow manure with a sprinkling of bone meal. As the plants begin to grow I tie the fronds of each plant loosely to a light cane stake so as to keep the leaves off the soil and to let light and air reach the soil between the rows, which makes the young plants, which begin to appear about February, dwarf and stocky. Such runners when potted into 2½-inch pots never wilt or lose a leaf, which is usually a saving of six to eight weeks' time over long, drawn-up runners, which when potted lose their leaves or must be cut, leaving 8 to 12 inches of the fronds.



The top of the old Araucaria after having been rooted, cut from the old stem and potted.

As the benched stock, or mother plants as they may be termed, get larger, I thin them out by cutting out the largest old fronds, leaving only sufficient fronds to sustain the action in the growth of the runners. After each batch of runners is taken off I retie the old plants and give them a top dressing of fine sifted soil, with a good sprinkling of fine bone meal mixed in. Then the bench is in good shape for another crop.

When the runners have made two or three leaves and are about 6 to 10 inches high, they are pulled up with a nice bunch of roots and potted into 2½-inch pots. In three weeks' time they are rooted through and ready for a shift into 3-inch and then into 4-inch, and so on, never permitting the growth to become checked. In potting, use the same kind of soil.

Method of Potting.—When plants reach a 4-inch pot and are ready for a shift into 5 or 6-inch, there are a number of aerial roots extending over the side of the pot. I am always careful of these roots and in shifting to a larger pot, twine them around the ball about half an inch under the soil around the rim. They soon take root and send up young growth, which makes the plant full and bushy, such as the 10-inch size I show here. You will note the bushy, compact growth of this plant and I am often asked how they are kept to this shape. In the first place, my benched stock plants are never shaded. The runners, after potting, I shade a little, and after a few days give them the full sun. This, I believe, accounts for the sturdy, compact growth so much desired by buyers of this popular fern.

I am aware that a great many writers and florists grow these ferns by planting out in benches, keeping them there until the required size is attained, then lifting and potting them. I do not approve of the plan and claim a first-class plant cannot be produced by this method, because you only have the old mother plant to lift. The cutting away of all the runners leaves nothing but the old plant, which soon becomes hard-stemmed and leggy with no foliage around the top of the pot, unsatisfactory to handle and unsatisfactory to the buyer.

The pot I use is the azalea or half pot, in size from 6 to 12 inches. The plants grow better, throwing out runners and forming young plants much sooner than when planted in the old deep pot. Besides, they look much better and are not so clumsy to handle, while the retail store men like them much better for counter trade.

I have seen the statement that the country is being overstocked with the Boston fern; the same cry has been often applied to Beauties, carnations and cannas. The fact remains that the demand for this fern was never so strong as today, while well-grown, shapely plants of the best selling sizes are continually scarce and often out of stock for weeks at a time.

The plant exhibited by Mr. Wilson was a truly superb specimen, with a spread of over four feet and remarkably full and bushy; the growers present voted it the finest they had seen.

In response to questions, Mr. Wilson stated that the plant shown was grown from the 2½-inch pot size since last February, and that his plants were always exposed to the full sun. The cutting away of a share of the fronds on the old plant on the bench is to admit an abundance of light to the young runners that are forming and to stimulate their formation. The pot plants as they attain some size are plunged in sphagnum on the bench, not only to insure moisture but to get the benefit of the runners they form, which root readily into the sphagnum. Growth during spring and summer is stimulated by feeding occasionally with a weak solution of nitrate of soda, a teaspoonful to a bucket of water, and he once in a while shifts to liquid cow manure.

He had noted no variation indicating a difference in type in this fern except when the plants were allowed to get hard, and they would then resemble the old exaltata. To maintain the character of the Boston fern it must be kept growing freely, sturdiness being obtained by an abundance of light and air.

Referring to the freedom with which this fern reproduces itself, Mr. Aug. Jurgens said that if he had taken care of all the runners produced from a lot of plants he bought last year he would have had to double the size of his establishment to house them.

Mr. Wittbold said he grew good plants by the bench system, but never beyond the 6-inch size, and to insure good plants they must have plenty of room.

CUT FLOWERS.

Packing and Shipping.

BY WALTER S. HEFFRON.

[Read before the Chicago Florists' Club, Nov. 2.]

The subject of marketing cut flowers is one so broad, if treated in its entirety, embracing as it does business methods as well as how, where and when, that I scarcely believe it to be the committee's intention that I should attempt to solve problems over which many able men are, have been and will continue to study with all their strength of mind influenced by strongest self-interest. In attempting to instruct how to place cut stock on a wholesale market in as perfect condition as possible, some few generalities will apply with equal force to all localities and conditions.

The shipping box is an important and much neglected feature. On its suitability much depends. The proper dimensions are not arbitrary and are wholly dependent on class and variety of stock to be shipped. Great depth, breadth and excessive length and weight are to be avoided. Depth because of pressure from weight on the lower part of the contents, also because of greater liability of stock heating in transit. Width because of unwieldiness. The various express companies as a rule have at the several points of transfer but a single employee to handle the packages and even where there are several it is rarely that more than one attends to the same package. A box, then, that is overly wide is a constant source of temptation. Nine times out of ten it will be on edge, with more or less disastrous result to the contents. Weight speaks for itself. Excessive length

is open to the same general objection that attaches to great width with the added drawback that for all stock, save that particularly long stemmed, there is increased difficulty in properly securing it from shifting. Safe proportions for a shipping box, in my estimation, would be one ranging from six to ten inches in depth, never exceeding eighteen inches in width and three times the length of the stems of the stock packed in it. This proportion is for average general stock, roses, carnations, etc., and would not hold good for extra short or long, the exception proving the rule.

The box should have a fastening reasonably secure, but one that can be unfastened on arrival easily, quickly and without damage to the box or contents. Nails or screws should never be used, save possibly on special shipments, where, for good reasons, the regular box is not used. There is no necessity of attempting to make a burglar proof box. The smallest loss a grower has is that of pilfering in transit, and a fastening that provides for a reasonable amount of delay in opening will safeguard that contingency. A tight fitting lid with one of the several good hasp devices or metal catches is excellent. Nothing excels a heavy sash cord or light rope of good quality. Straps are a nuisance, as the strain soon puts the hole in the wrong place for the tongue of the buckle and either the strap is soon ruined and worthless from efforts to remedy it or the cover is never tight enough to prevent the air from having too easy entrance.

The shipping box should always be lined with paper. Several thicknesses should be used. It not only acts as a cushion, equalizing the jar, but the dead air spaces so formed are the best nonconductors that could possibly be provided. Many growers use a lining during severe weather to keep out the cold. Is it not just as essential to prevent the penetration of heat? One is as destructive in its effects as the other; the remedy is the same. Nothing is better for this purpose than the ordinary newspaper.

In placing several layers of stock in the same box, always be careful to have them carefully separated and so separated that they can be removed at destination without destroying the layer as originally packed. Many use tissue or wax paper for this purpose. They are both unfit. Wax paper draws the tissue and ruins color, fragrance and texture of many kinds of flowers, and wax and tissue alike are so soaked by the moisture and drainage from foliage and stems above and below that they almost invariably give way with the weight of the layer. The result is one jumbled mass. Manila or newspaper in several thicknesses is the best, as they have strength enough to stand considerable strain and, being porous, they quickly absorb any surplus moisture, retaining same for a long period, providing a tempering of the inclosed air very beneficial on a long or hot trip.

In placing flowers in the box, care should be taken to place the deepest colored stock, where substance of flower is equal, in the bottom of the box, grading upward, the lightest colored or white on top, as colored stock will show the effects of weight and crushing less freely.

I will not go into the question of proper cutting and bunching. That is a local question and depends on the outlet. Some markets want carnations fifty to the bunch, some twenty-five, some bulbous stock in dozens, others again in quarter hundreds, some heads even, some stems, and so on. These are all important points, but I presume them to be known to the shipper.

All flowers after cutting and before packing should be placed in water long enough to insure the stem having absorbed sufficient water to keep the flower fresh until arrival at destination and some hours after. Pots and jars that are used for that purpose must be kept clean and, if practicable, should never be used for any other purpose. Many flowers have been ruined from having absorbed oil and various chemicals through the water in which they were placed.

Particularly during hot weather do not freshly recut stems before packing, except where necessary to facilitate packing. The pores at the cut have partly closed, retaining the water. If recut the stem will drain and the flower be deprived of moisture and will wilt.

Lilies, chrysanthemums and other large petaled flowers are better underdone than overdone on the hardening off side. The petals of such flowers, if full of water and chilled, at each jar and move are apt to crack or bruise; if soft and even inclined to wilt they will yield to movement and pressure, will show no trace of bruise or crack afterward and will straighten up under proper treatment in a short time. Many more can be packed in the same space, saving time, trouble and expressage.

Stems of most annuals and perennials and other soft-wooded blooms should be cleaned of bottom foliage before being sent to market. Many become offensive within a few hours after being placed in water and the chance of sale is thereby lessened and the price lowered. Many, after reaching that stage, are so permeated with the odor that even if the stem be cleaned the flower or upper foliage retains so great a part of it that, notwithstanding the bloom to be perfect, it has gone past the selling stage. This should not be done, however, excepting for above stated reason, unless it is to remove unsightly foliage, as many flowers absorb water nearly, if not quite, as readily through the leaf as through the stem.

The use of highly colored twine in tying bunched stock should be avoided. The dye nearly always runs when the bunch is in water, and the dye strikes in. The customer then insists that the flowers are old, when the contrary is the case. Take lily of the valley as an example. I have seen many dollars worth of value taken off of a shipment from this alone. The stems at the bottom, being bleached nearly white from forcing, are also soft and the dye from a blue, green or yellow string will run in the stem like ink in a blotter. On the contrary, some flowers should always be tied with string to match the stem in color; that is, of course, where the bunch goes to the customer as originally tied.

Violets, lily of the valley, most bulbous stock and any easily wilted flower should have a quantity of moist tissue paper wrapped around and over the end of the stems. Smilax is better sprinkled and should always be rolled singly. Asparagus plumosus and A. Sprengeri will ship best and keep better afterward if kept perfectly dry.

A safe rule is to never sprinkle any flower for shipment. The foliage only should be freshened and that, in the majority of cases, but sparingly. The only exception to this that comes to mind at present is the poinsettia, and that which we call a flower is really not the flower at all, simply highly colored foliage surrounding the flower proper and which retains all its leaf characteristics.

In the discussion that followed Mr. Amling said he thought it was a mistake to sprinkle smilax. Mr. Benthey also thought smilax should not be sprinkled. A better way he thought was to tie the strings in bunches at the lower ends and place these ends in water, changing the water frequently. He believed it should always be shipped dry. Mr. Winterson said his experience was that while it did not hurt the smilax to sprinkle it in winter, in summer injury always resulted, the foliage becoming soggy and unfit for use.

THE EXHIBITIONS.

Chicago.

The annual flower show opened in the Auditorium Tuesday noon, with old-fashioned flower show weather prevailing, namely, a cold, drizzling rain, the first rain, by the way, that has fallen here for some time.

The exhibition differs but little from that of last year, only, alas, there is not so much of it. Much credit is due the Geo. Wittbold Co. for their splendid display of palms and other decorative plants as well as other plants and flowers.

The chrysanthemum plants were even fewer in number than last year and the date of the show was evidently a full week too early for them, if not more. They were generally well grown and would have been good exhibition plants if given a week or two more in which to develop their flowers.

Chrysanthemum Blooms.

The display of chrysanthemum flowers was considerably short of that of last year, but some good blooms were seen.

In the classes for 25 blooms of one variety Gunnar Teilmann, Marion, Ind., was first on white with a fine lot of Fee du Champsaur, and John Felke, Wilmette, Ill., second with Mrs. H. Robinson. In yellow, Gunnar Teilmann was first and John Felke second, both with Bonnaffon. In pink, the Hinsdale Rose Co. was first with Mrs. Perrin, very well colored, Gunnar Teilmann taking second with Mrs. W. C. Egan, and N. Smith & Son third with Lady Hanhan.

For collection of named varieties, one bloom of each, not less than forty varieties, N. Smith & Son were first with a fine lot, including the varieties noted in their collection of 12 and others, among which were Walleroo, bright pink; Mrs. Combs, a flat petaled light pink; and many standard varieties in addition to a



Several of Mr. Reardon's old Araucarias having new feet put on them.

with a fine lot of Vivian-Morel. In reds, H. Weber & Sons, Oakland, Md., were second with Geo. W. Childs, and in bronze Mr. Teilmann took second with Mongolian Prince. For 25 any other variety the Hinsdale Rose Co. were first with Chito.

For 12 varieties, one bloom of each, Nathan Smith & Son, Adrian, Mich., were first with fine blooms of the following: Merza (an immense white), Col. D. Appleton (apparently a big advance in yellows), Lady Anglesey (bronze), Mrs. F. A. Constable (whorled white), Philadelphia, Chito, Orizaba, Mrs. T. L. Park, Mrs. Ritson, Lady Hanhan, Bruant and Walter Molatsch. H. Weber & Sons were second with a good collection, including many of the varieties above noted.

In the classes for 6 blooms, each of one variety, Gunnar Teilmann was first in white with Evangeline and N. Smith & Son second with Mrs. F. A. Constable, both of the whorled type. In yellows Mr. Teilmann was first with Bonnaffon and Fritz Bahr, Highland Park, Ill., was second with the same variety. In pink N. Smith & Son were first with Orizaba and J. Sleigh, Evanston, Ill., second with Mrs. Perrin. In red H. Weber & Son took first with Childs, and J. C. Vaughan second with Intensity. In bronze N. Smith & Son took first with Lady Anglesey, Weber & Son second with Bruant. For any other variety Fritz Bahr was number of promising seedlings. H. Weber & Sons were second and Otto Speidel, gardener for Mrs. P. B. Armour, Jr., was third.

Chrysanthemum Plants.

For specimen plant, white, John Reardon, gardener for M. A. Ryerson, was first with Ivory, and J. C. Vaughan second with M. Louise. For specimen yellow J. C. Vaughan was first with Miss G. Pitcher, and John Reardon second with Golden Gate. For specimen pink Mr. Vaughan took first with Mrs. Murdock, and Mr. Reardon second. In red Mr. Reardon took first with The Bard, Mr. Vaughan taking second. In bronze Mr. Vaughan took first with Chito, and he received second for specimen of any other color.

For three standards with not less than 30-inch stems Mr. Vaughan was first, the varieties being Murdock, Oakland and Lenawee. Mr. Robt. Mueller, gardener for A. S. Trude, was second. For five standards with not less than 12-inch stems nor more than 24-inch stems, five varieties, John Reardon, gardener for M. A. Ryerson, was first with the varieties Perrin, May Foster, Mayflower, The Bard and Sunstone.

These half standards are all right and useful as exhibition plants, but the sooner the classes for tall standards are done away with the better from a decorative point of view. When well done they undoubtedly show great skill on the part of the grower, but they are too apt to give the effect of a plant on the end of a broomstick.

For 5 specimen plants, 5 varieties, in not over 10-inch pots, Mr. Vaughan was first, the varieties being Beauty of Truro, The Bard, Jno. K. Shaw, Mrs. T. L. Park and Snow Queen; Mr. Reardon received second. For 5 anemone varieties, in not over 8-inch pots, Mr. Vaughan was first with Garza, Descartes, Surprise, Delicatissimum and Mary Stuart. He was also first for 5 specimens, single varieties, all being the variety Mispah. Also for 10 pompon varieties in 6-inch pots, the varieties including Atlas, Black Douglas, Viola, Angelique, Zenobia, Canary and Attila.

For 25 single stem plants, not over 24 inches high, Crabb & Hunter, Grand Rapids, Mich., were first with a finely grown lot of Jeannie Falconer, yellow. For 10 single stem plants Mr. Vaughan was first with a mixed lot, including Mrs. T. L. Park, White Bonnaffon, Perrin, Robinson, Childs and Hurrell. Crabb & Hunter were second.

Mr. Vaughan's fan-shaped grafted plant was a striking feature of the show. It had over fifty distinct varieties grafted upon it and it attracted a great deal of attention. It received the award for most interesting grafted plant of any kind. The second prize went to Robt. Mueller, for a standard geranium, upon which several varieties had been grafted.

Miscellaneous Plants.

For fifteen geraniums of one variety John Reardon, gardener to M. A. Ryerson, was first with a grand lot of S. A. Nutt, second going to John J. Mitchell. J. C. Vaughan was first for three standard geraniums.

The Geo. Wittbold Co. made almost a clean sweep in palms and other decorative plants, taking the first prize of $75.00 for the best display of decorative plants, open to all, and the first prize of $35.00 for best display of same, open to commercial florists only. The arrangement of both these lots was excellent. They also took firsts for collection of orchids, five foliage plants, specimen palm, best Boston fern, best other fern and collection of ferns. They displayed a handsome group of their Nephrolepis Wittboldii, which made an attractive feature. Anton Then took second for group of decorative plants in the class open to florists only. The Pullman group occupied the center of the exhibition, but was not entered for competition.

A new exhibitor this year was M. Lutschg, gardener for F. R. Chandler, Lake Geneva, Wis. He showed a collection of crotons that were extra fine and they were plants that had been bedded out all summer and lifted and potted this fall. He received first premium for them. Also a gratuity for some superb specimens of Acalypha Sanderi "tailed" clear down to the pot. He declined to state how many cats he had used as drainage or otherwise.

John J. Mitchell took first for specimen araucaria, and A. McAdams was first for six araucarias. First for basket of Asparagus Sprengeri was won by John Sleigh, gardener for Arthur Orr, Evanston, and Fritz Bahr received a gratuity for cyclamen.

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The most beautiful features of the show this year are the displays made by Messrs. E. Wienhoeber, The Geo. Wittbold Co., John Mangel and A. Lange, of plants and flowers arranged for effect, to be changed daily during the show. We shall present some photographs of these displays in our next issue.

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Roses.

The rose competition on Wednesday brought out a very good display. A leading feature was a vase of 25 blooms of the new rose Queen of Edgely, the pink American Beauty, which attracted much attention. Honorable mention was awarded to the exhibitors, the Floral Exchange, of Philadelphia.

For 25 American Beauties, Bassett & Washburn, Chicago, were first, and South Park Floral Co., New Castle, Ind., second. Both lots were extra fine.

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Notes.

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The four variations from Viviand-Morel were all present, namely, Chas. Davis, light bronze; Lady Hanhan, cerise; Mrs. Ritson, creamy white; and Lady Anglesey, dark bronze. The family relationship is very noticeable.

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PAN-AMERICAN EXPOSITION.

The accompanying photograph of a portion of the Pan-American Exposition grounds was taken on Sept. 13th. It is a view from the forecourt looking westward and includes a portion of the grounds set aside for exhibits. To realize the progress that has been made it must be remembered that the whole surface of this part has been raised over three feet from its natural grade since the first of last May. The clay was excavated from one of the Mirror lakes on the right of the picture. The trees and shrubs were planted about the first of June, using large quantities of good soil, then the whole surface was covered with four inches of good loam, with a surface covering of fine manure and sand. The sowing of grass seed was continued without interruption every day during the summer, and with the constant use of the hose it has been a phenomenal success; in fact the grass over this portion of the grounds is a most excellent lawn and has the appearance of having been down several years instead of only three months. There are several hundred beds, of all dimensions, which do not show in the picture. Wherever a bed was designed the clay was excavated fifteen inches, and in many cases eighteen inches, and strong, heavy loam, with about one-third of manure, was filled in.

The beds of dark foliage in the foreground are hybrid perpetual roses from several exhibitors. There are also many more of these that cannot be readily seen. These plants were taken from a root house between the first and the tenth of June, six or seven weeks later than is usually the time for planting. With a severe pruning and a liberal use of the hose they made a good start and in most cases have made a wonderful growth. Beds of Ulrich Bruner, Paul Neyron, and other varieties, containing 500 of each variety, have in some cases reached a height of five feet.

Many large exhibits of tulips are now being planted. There will be no vacant beds on the first of next May. In all there will be upwards of 100,000 tulips and hyacinths, Spanish iris and other bulbous flowers. A few dozen small beds will be left for masses of pansies in different colors. This section of the grounds, entering from Elmwood avenue, must make a grand display.

Mr. Ulrich, the landscape architect, is also planting in the grand court a very large exhibit of bulbs. Long panels of 400 feet by 12 feet are filled with tulips and hyacinths in geometrical designs. In many places surrounding the grand basin will be a brilliant display of bulbous plants.

A great deal of work has been done on the southeast section of the grounds and on the islands. Thousands of shrubs are being planted and there are no bare spots. In every available place where it is too shady to have grass thrive the surface is covered with Vinca minor, money vine and other creeping plants. The Indian Mound is a source of great attraction to visitors and is approached by a broad walk, on each side of which will be a fine display of flower gardening.

Though not in the horticultural line, the writer cannot refrain from mentioning the beautiful appearance of the buildings now that the coloring is going on. Instead of being a "White City" the eye is charmed with the most exquisite blending of colors, and this is to be carried out on every building. The Horticulture building will soon be completed, also the conservatories leading to the Mines and Graphic Arts buildings. The conservatories will be heated by the first of the new year.

It is very pleasant to have gentlemen who have just returned from Paris tell us that in all things the Pan-American will be more beautiful than that much advertised affair, and in horticulture we shall be lengths ahead. Several carloads of plants have lately arrived from California to be used in the adornment of the grand court. They consist of yuccas, dracaenas, bamboos, pampas grass, and many large palms. The Department of Works is propagating many thousands of plants to be used in vases, hundreds of which will be distributed over the grounds, and also boxes which will be lavishly used at the base of many of the buildings. All visitors are delighted, and I can only repeat what I have frequently said before, that in point of beauty, if not in size, this Pan-American Exposition is going to be the most charming exposition ever held.

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Bearing The Plant Market.

The foliage plant business has been undergoing a "bear" experience. To continue this Wall street simile it may be said that while the "bear leaders" are generally heads of china or furniture departments in the great stores, their chief, the Addison Cammack of this crowd, is now one of our brethren, who can wear the blue and white button with the rest of us. This "bearing" of the plant market is becoming quite a science, and is worked in this way: The "bear," who must be a business man in good standing, visits the plant growers and gives it out that he buys in quantity; he finds out what kinds are plentiful and talks about the dull state of market with the various owners of the aforesaid plentiful kinds. As the houses are apt to be crowded at the beginning of the season, and the grower poor, the bear gets some very tempting offers.

He takes batches of stock as he requires them and then proceeds to "bear" the market by newspaper advertisements and a variety of cards, all announcing an extraordinary sale of, for example, Boston ferns, 6-inch pots, usual price $1.50, now offered at 69 cents. An immense quantity of stock is sold in this way in the fall and at Easter. Some of it is well grown stock, likely to give satisfaction, and some of it is poorly grown or stock most unlikely to please the pur-

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chasers. Whether these special sales are a benefit or an injury to the trade in plants abler pens than mine must discuss, but like the Greek, the "bear" has come to stay and must be reckoned with accordingly. PHIL.

A FLORAL FLOAT.

We present herewith an engraving from a photograph of the floral float of Messrs. Bertermann Bros., Indianapolis, Ind., that appeared in the recent industrial parade in that city.

The float was 16x8 and the outside canvas was painted to represent a garden wall. At the corners cornucopias, surmounted by doves, were filled with selected flowers, asparagus and smilax. In the center, above all, was a very large handle basket of American Beauties, the body of the float being filled with Boston ferns. The horses carried festoons of green wreathing and roses finished with ribbons.

A cart filled with large latanias and vines, the wheels covered with cycas leaves and ivy, followed the float, the horse being decorated in same style as the others.

Following the cart came a wheelbarrow filled with tools, soil, plants, etc.

All the attendants were dressed in gray suits, trimmed with green, and straw hats. Two were on horseback in advance of the float.

The whole was pronounced the finest display in the parade, besides being a much to be desired relief from paper flowers and similar abominations.



Floral Float by Bertermann Bros., Indianapolis, Ind.

BOSTON.

Trade Conditions.

The situation here is getting altogether too serious to joke about any longer. The only point in favor of the grower is that the weather conditions keep the coal expenses way down, thus keeping company with his spirits and supply of cash. But the supply of material is surely shortening and consequently there is but little surplus and salesmen are coming nearer to obtaining their asking price, which has not yet advanced much. Quality of crops is not good, almost nothing coming in in first quality shape as compared with what we sometimes need at this date.

Our short supply seems to fill the light demand all right so far, but one good old-time day's work would clean out every ice chest in the city. We hardly know how to look at things. Whether all this lack of business is due to weather and the approach of the election cannot be decided. We can only hope so and that both causes will come to a conclusion at the same time.

Various Items.

Tailby is far and away the champion arrival on paper white narcissus. He has been bringing in some fairly good ones now every day for nearly a week.

Fellows Brothers are floating down a lot of good chrysanthemums from their New Hampshire roofs and a very ingenious mechanical arrangement for holding the stems in place and also to strengthen the sides of the boxes, which they invented and use, is well worth examining and copying.

M. B. Bunker is to occupy a store on Beacon street, near Zinn's. It is supposed he will vacate his places in the Parker House and at the Touraine.

The new horticultural hall on Mass. avenue is developing, being now well above the sidewalk. The promise now is to have it finished in May and put on a fine exhibition in June.

A friend of mine has just returned from a pleasure trip to the Bahamas. He has an interesting story to tell which proves those islands to be more tropical than I had supposed, roses and many other blossoms being in full bloom; oleander hedges twenty feet high in blossom half the year; ten-foot lantanas, a field weed, and so forth. He speaks of the lily crop as being just planted.

Quill-driver "Phil," of Philadelphia, speaks of an equally broad-brimmed and broad-minded retailer of the "quaint old Quaker City," who thinks the grower of mixed stuff like bouvardia, heliotrope, mignonette, etc., will be a success this winter, and then spoils the whole argument by saying that disease makes the growing of some of them unsuccessful. The grower must make a specialty of something, understand it well enough to grow it to perfection and always have a supply. And he cannot do this on a mixed crop.

If he grows a mixed crop he must compete with specialists on some of them probably and they will fully as probably reach the best buyer about five minutes ahead of him. It is a science to grow even the simplest crop to its very best and one that can occupy any man's whole attention.

P. L. Carbone has just returned from a four-months' outing, which this year took the form of a trip through England, Germany, Switzerland, Austria, Italy and France. Why is not that about the right kind of a vacation and why do not more of us "vacate" that way?

J. S. MANTER.

ST. LOUIS.

The Shaw Banquet.

The covers were laid for 100 guests at the 11th annual banquet which took place at the Mercantile Club last Saturday night as provided for under the will of Henry Shaw. The tables and room were handsomely decorated with palms and cut flowers by Emil Schray. Those present were mostly local florists, nurserymen and market gardeners.

Among the florists present were Patrick O'Mara, of New York; Wm. Scott, of Buffalo; A. S. Halstedt and E. W. Guy, of Belleville, Ill.; C. C. Sanders, Carew Sanders, Carl Beyer, F. J. Fillmore, E. H. Michel, R. T. Tesson, J. J. Beneke, Theo. Miller, R. J. Mohr, W. J. Dunford, Max Herzog, Emil Schray, John Connon and F. H. Meinhardt.

Ex-Gov. D. R. Francis, ex-Gov. N. J. Coleman, Prof. Wm. Trelease, Prof. Irish, Prof. Whitten, Mr. Jared G. Smith, Julius C. Birge and A. Nelson were also present.

Professor William Trelease, director of Shaw's Garden, presided as toastmaster. He opened the speaking with a short address, saying that the great philanthropist had intended that the garden should be for the benefit and advancement of local gardeners and that he was anxious for them to use it to the fullest extent. Mr. Patrick O'Mara, of New York, president-elect of the S. A. F., responded to the toast "The Society of American Florists," and Julius C. Birge responded to "The Man with a Home." The next to respond was Jared G. Smith, of the seed and plant department of the United States. J. J. Beneke responded to "The Chrysanthemum Show"; William Scott, of Buffalo, N. Y., director of flori-



New Early Pink Chrysanthemum Iolantha. Grown by Nathan Smith & Son, Adrian, Mich.

culture at the Pan-American Exposition, responded to "Floriculture at Great Expositions" and Mr. A. Nelson, of Lebanon, Mo., vice-president of the State Horticultural Society and chairman of the committee intrusted with the Missouri horticultural display at the Buffalo exposition, responded to "Missouri at the Pan-American." Ex-Gov. D. R. Francis, the last speaker, responded to "The St. Louis World's Fair." This ended the 11th annual Shaw banquet and every one went home having passed a very enjoyable evening.

The Market.

Trade has been somewhat better the past week with some of the florists. Still some are complaining of very dull business. The horse show, which is always the fashionable event of the season, increased the demand all around. Large specimen blooms of chrysanthemums were used to considerable extent. Beauties and violets also had a good call. The musical festival for this week at the exposition will also have a tendency to sell fancy stock of all kinds.

In roses Beauties are about the only stock that is short in supply; very choice stock brings $2.50 and $3 per doz. Other roses, such as Brides, Maids, Meteors and Kaiserins, are selling as low as $1 per 100 for good stock and $3 will buy choice stock just now.

Carnations are beginning to come in in large quantities. Last week fair stock was sold at 40 cents per 100. Extra choice, fancy varieties are selling at $1.50. Good red are a little scarce, Scotts very plentiful. Violets are plentiful; in fact, many of them go to waste. From 10 to 25 cents per 100 is asked for them. Chrysanthemums are plentiful and some choice blooms were seen the past week. $20 per 100 is asked for them and from that down to $2 per 100. Choice blooms sell at sight, but plenty of small ones can always be had at any time. Valley always sells well at $3 and $4. Smilax is quite plentiful with a good call at 12½ cents per string.

Notes.

Preparations for the chrysanthemum show are about completed. Present indications are that this show will exceed all others. Large illustrated articles have appeared in all the Sunday papers and the press has promised to be even more liberal than last year. The committee has everything in good shape for receiving and caring for the exhibits as they arrive.

Visitors in town last week were William Scott, of Buffalo, N. Y.; Patrick O'Mara, New York City; S. S. Skidelsky, Philadelphia; John E. Bohan, Covington, Ky.; E. W. Guy and Dr. Halstedt, of Belleville, Ill.

Bowling.

A few of the bowlers got together last Monday night in company with Mr. S. S. Skidelsky. Some of the boys were disappointed, thinking that Bros. Scott and O'Mara might stay over and have a game of bowls with us. The scores of the five games were as follows:

	1	2	3	4	5	To.	Av.
J. J. Beneke....	149	163	146	163	173	794	159
C. A. Kuehn....	185	148	163	142	154	792	158
John Young....	175	128	149	160	149	761	152
Fred C. Weber.	124	136	155	131	139	685	137
S. S. Skidelsky.	121	89	98	79	87	474	95

J. J. B.

CHICAGO.

The Market.

The weather is cooler and Tuesday we "enjoyed" a cold rain, but we are still looking for a hard, killing frost. The lower temperature has checked the supply considerably, especially of roses, and were the demand at all brisk there would be a marked shortage, at least of roses. But the market remains weak all around. Prices are practically the same as last week on select stock, but there are no large lots of roses to job off. The cut of chrysanthemums has, of course, increased and the prices are lower. At present it has got to be an extra fine flower that will command the rate of $2.00 a dozen. Prices on mums are averaging considerably lower than last year.

In roses $4 is still the price for select stock. Carnations $1.25 to $1.50 and fancy $2.00 to $2.50. Poor flowers range from 60 cents to $1.00.

In carnations White Cloud seems to be a poor keeper and shipper at this season and there are numerous complaints about this variety going to sleep early in the game. Hill carries better. Cloud is all right in midwinter, but don't seem to hold well in fall and spring.

Violets move all right if strictly first-class, but otherwise they hang fire in a very discouraging way.

Now that the presidential election campaign is over, it is to be hoped that matters will get into normal condition again and trade recover, but some dealers question whether the market will fully recover before the holidays.

The combination of presidential campaign and abnormally warm weather has certainly made this fall an unsatisfactory one for the florist, both grower and retailer. Local trade has been especially flat.

Club Meeting.

At the last meeting of the Florists' Club the new officers were installed and President McAdams, in taking the chair, asked the earnest support of all the

members in making the new year a successful and profitable one. He emphasized the great value of discussion upon the papers read before the club and asked all to contribute something toward making the meetings more profitable by taking part, no matter in how limited a way, in these discussions. The new secretary, Mr. C. A. Hunt, kept busy scribbling and never peeped, while Ed. Winterson, when called on for a speech, simply remarked that he was there to receive the coin and had a receipt book handy. Treasurer Sanders succeeded himself and was installed without difficulty. The president appointed as the finance committee Messrs. P. J. Hauswirth, E. C. Amling and E. Wienhoeber.

The retiring president, Mr. James Hartshorne, made a neat little speech, thanking the members for courtesies extended during the past year and congratulating the club on the selection of Mr. McAdams as president.

Messrs. Chas. Graby and C. A. Johnson were elected to membership.

The papers by Messrs. J. S. Wilson and Walter Heffron were listened to with much interest. The papers, together with the discussions on same, appear elsewhere in this issue.

Various Items.

The annual banquet of the Florists' Club takes place this (Thursday) evening in the Egyptian banquet hall of the Auditorium hotel, starting at 7 o'clock.

Visitors: P. O'Mara, New York; J. N. May, Summit, N. J.; H. Weber, Oakland, Md.; Elmer D. Smith, Adrian, Mich.; Samuel Murray and Arthur Newell, Kansas City; H. C. Geiger, Philadelphia; W. J. Crowe, Utica, N. Y.; Fred Lemon, Richmond, Ind.; H. Heller, New Castle, Ind.; J. C. Rennison, Sioux City, Iowa; C. B. Whitnall, Milwaukee; Walter Mott, representing H. A. Dreer; J. R. Fotheringham, representing F. R. Pierson Company; Joseph Reeve, Peoria, Ill.

Kennicott Bros. Co. have received their first shipment of mahonia leaves. This firm marketed a cut of about 200 blooms of Col. D. Appleton chrysanthemums, the grand new yellow, and with the exception of a couple of dozen none were sold at less than $6.00 a dozen.

On Monday and Tuesday of this week Benthey received outdoor Fisher and Portia carnations of fine quality. This is a good illustration of the mild fall we have had.

M. Olson is now with J. A. Budlong.

Bowling.

A hot triplet of games was played last night between Chicago and Milwaukee teams at Anson's alleys. Milwaukee won, taking two games. Following are the scores of the three games, which were not completed until nearly midnight:

MILWAUKEE.

H. Hunkel	161	148	183
W. Edlefsen	141	151	135
M. Reitz	81	75	125
O. Sylvester	190	153	150
W. A. Kennedy	161	124	118
A. Klokner	157	125	130
N. Zweifel	125	121	140
F. Holton	149	172	130
C. C. Pollworth	150	216	177
Totals	1315	1285	1294

CHICAGO.

G. Stollery	144	168	176
C. Balluff	145	157	152
P. J. Hauswirth	140	116	122
F. Stollery	164	162	131
W. Kreitling	130	102	124
N. A. Schmitz	108	135	130
E. Winterson	168	150	159
P. O'Mara	144	132	157
Jno. Degnan	218	154	126
Totals	1361	1276	1277

The Milwaukee boys were arrayed in gorgeous uniform sweaters which probably accounts for their success in putting the Chicagoans into the hot box.

NEW YORK.

The great sound money parade here on Saturday was somewhat of a godsend for the florists' business, though no one seems to have been rushed or sold out for it. We were on the press stand all day to note the floral part of it, and it was a great triumph from a floricultural point of view. Never were so many flowers worn in a public parade before. The local growers, through Mr. Ward, contributed several thousand carnations, and this act was responsible for the general wearing of flowers. There were nearly 100,000 men in line; 35,000 of them wore natural carnations, 10,000 wore yellow and white chrysanthemums, 10,000 wore paper chrysanthemums and 15,000 wore paper carnations.

It was curious to note the different elements that wore natural or paper flowers. The Wall street brigades, composed of bankers and brokers and their clerks, representing the money element of the parade, wore large paper carnations; there was not one natural flower in the whole contingent of many thousand men. This was disappointing, and we often felt sorry that part of the growers' contribution did not find its way into Wall street. The dry goods men mostly wore Scotts; the haberdashers, lighter shades, and they looked well; milliners and hatters wore none; the paper trades had paper flowers; one regiment carried golden pampas plumes, which were very effective; newspaper men wore no flowers; lumbermen, yellow mums; Produce Exchange, Scotts and yellow mums; Cotton Exchange, cotton in pods and paper carnations; the Coffee Exchange men all wore very fine yellow mums—they were the best patrons of natural flowers; Custom House brokers had Scotts; lawyers tabooed flowers except in some of the Bar Association companies, which had mums and Scotts; New York Life Insurance all wore Scotts, with silver tinfoil; real estate men generally wore Scotts; jewelers had all paper carnations; travelers wore none; drug and chemical men had a spattering of Scotts and mums, and so on.

Those whom you would most expect to wear flowers had none, whilst the slaves of the sweatshops, who perhaps never had a flower in their coats before, went jauntily along behind carnations that were given them to wear. There is no way of estimating the amount of good done, though, in getting people to wear flowers, the good deed might become a habit. It started to rain at 6 o'clock in the morning and kept at it all day, only for this it is safe to say every carnation and chrysanthemum in the market would have been sold.

We were at the market at 6 a. m., and there was some lively speculating on Scotts and yellow mums. John Donaldson had the best Bonnaffons at the market, and got $3 and $3.25 per dozen for them; smaller sizes of yellows sold for $2 per dozen. Scotts brought $1.25 and $1.50 per hundred. A few fine Appletons brought 45 cents each. There were plenty of yellow mums and Scotts left in the wholesale stores on Saturday morning. It was remarkable, and speaks volumes for the resources of the New York cut flower markets, that though at least 35,000 carnations and 10,000 chrysanthemums were used in the parade, the market still seemed glutted, and florists stared at you if you spoke of good trade.

We forgot to mention that many of the paraders wore pink and crimson carnations; the combination is a poor one. Here and there among the paraders were blocks of hundreds or so who wore simple crimson carnations; it looked like Mr. Ward's Roosevelt at a distance, and they were very fine. Others wore light pinks, and they were very dressy.

The prettiest feature of the whole parade, and one that got the greatest praise, was the contingent of the New York Florists' Sound Money Club. They comprise about 150 men, representing retailers, supply men, growers and seedsmen; they carried the prettiest banner of the day; it was of silk, a crimson center framed with pink and fringed with gold; the pole and crossbar carried Roman wreaths of gilded laurel; it was a very fine piece of work, thoroughly Romanesque in design, and reflected much credit on Arthur Merritt, who designed and made it. All the florists wore boutonnieres of pink and crimson carnations and carried dahlia sticks, to which were tied the largest Bonnaffons procurable and a bow of red, white and blue ribbon; they made a very fine appearance and were a credit to the trade.

William Trumpore was marshal; his aids were L. J. Kreshover, Ren. Brower and H. Sherer; captains of companies were Walter Bogart, Theo. Lang, Arthur Merritt, George Saltford, James Purdy, William Mansfield, William Brower and William Marshall. We think we spied Mr. Nash, of Clifton, and Mr. Wood, of Fishkill, at the head of some of the boys. William Bogert was color-bearer. They presented Governor Roosevelt with a handsome basket of Liberty roses while passing the reviewing stand, and the Governor was much affected by it and the display they made. Afterward the "boys" marched through the wholesale florists' district and cheered for each wholesaler, making things lively.

Bowling on the eve of election didn't seem to be popular. Only four enthusiasts showed up. The scores were:

Siebrecht	144	139	143	148
Burns	157	155	169	174
Hafner	132	139	179	180
Taylor	117	104	112	132

Bowling will be in the afternoon next Monday. The Florists' Club meets that night, when nomination of officers occurs.

J. I. D.

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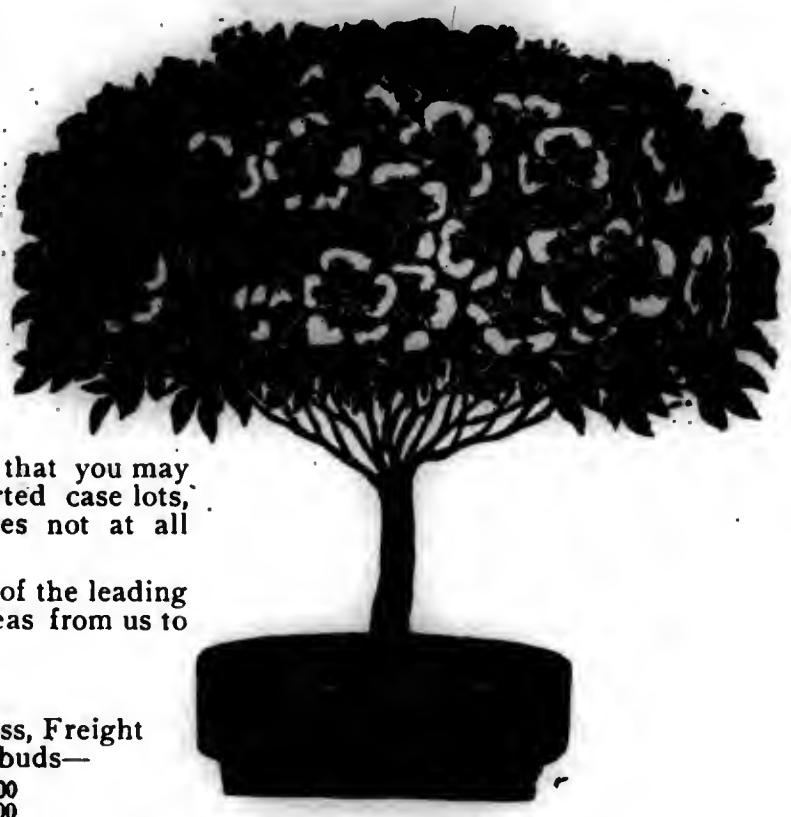
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12 to 14	"	"	"	"	6.00	"	45.00
14 to 16	"	"	"	"	7.50	"	55.00
16 to 18	"	"	"	"	12.00	"	90.00
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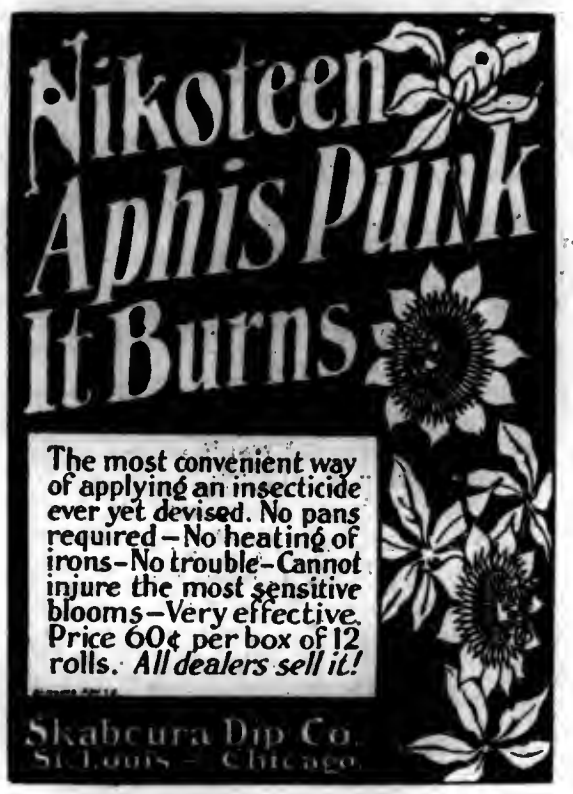
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Among the number of new varieties there is nothing that supersedes the favorite "Madame Crousse," which has been grown for market for a number of years. It may be grown as a dwarf bushy plant, in which state when well flowered it makes a fine plant for decorations. Large quantities of plants are also used for window boxes, and as a bedding plant it is a general favorite. Of those which have found favor more recently, "Galilee" does not spread so much as Madame Crousse, but it makes a fine pot plant, producing its bright rosy-pink blossoms in great profusion. I may add that this is one of the older varieties, which has only recently been recognized as a useful market plant. Ryecroft Surprise is another useful variety, but this is not quite so free as a spring plant, but may be regarded as one of the most useful autumn flowering varieties. There are few plants which better repay for a little extra care in their culture. In their proper season, well grown plants always find a ready sale at good prices; the period when they are most in demand being from Easter until the end of June.

To make good plants for 5-inch pots, the cuttings should be put in early in the autumn. The best method of securing good stock is to plant out in a dry exposed position, giving plenty of room. Short jointed cuttings with firm wood are the best; the cuttings may be rooted in the open, or in a cold frame. Potted singly in September and during the winter, they should be kept fairly dry. A little fire-heat may be necessary, but plenty of light and air are more important. They may be stopped once or twice, and should be ready for their flowering-pots early in January. The potting compost should not be too rich, and may be pressed firmly. If the plants have been kept short and sturdy, they will not require sticks until after they are potted into their flowering-pots; but this should be done before the plants begin to fall over, using 2 feet long sticks. After the first flower-trusses are well advanced, liquid-manure may be freely afforded to the plants, and if the weather be dry and warm the syringe may be used daily until the first flowers begin to open.

Green-fly is often very troublesome, and if allowed to get well established, it will be found difficult to eradicate, as the leaves curl up and protect them from the effects of fumigation. On the first appearance, or even before any fly can be seen, it will be advisable to fumigate periodically; or if the fly gets a start when it is too windy for fumigating, the plants should be "dipped" in an insecticide. Of white-flowering varieties, "Kate Wilson" is the best, and is most useful as a basket plant.—A. Hemsley, in Gardeners' Chronicle.

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30 "	2.50
24 "	2.00
20 "	1.50
15 "	1.25
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short stems	.75
Carnations...per 100,	$1.00 to 1.50
" fancy, "	2.00 to 2.50
Violets "	.75 to 1.00
Valley ...per 100,	4.00
Cattleyas ...per doz.,	6.00

ROSES,	Per 100.
Liberty	$3.00 to $5.00
Golden Gate	4.00 to 6.00
Brides, Maids	3.00 to 5.00
Meteors	3.00 to 5.00
Kaiserin	4.00 to 6.00
Perles	3.00 to 4.00
Seconds	2.00
Ferns, per 1000, $1.50.	.20
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Smilax...per doz.	$1.25 to 1.50
Chrysanthemums, "	1.50 to 3.00
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" medium... "	1.00 to	1.50
" short... "	.75 to	1.00
Bridesmaids ... per 100,	3.00 to	4.00
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Kaiserin ... "	4.00 to	6.00
Meteors ... "	3.00 to	5.00

CARNATIONS, fancy...per 100,	$1.50 to	$2.00
" good quality, "		1.00
VIOLETS, good single... "		1.00
ORCHIDS, Cattleyas...per doz.,		6.00
VALLEY...per 100,	4.00 to	5.00
SMILAX ... "	12.00 to	15.00
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Violets, Farquhar, 2¼-in., free from disease,	$2.50
Vinca, 2¼-in., $3.00; 3-in...	5.00
" 4-in., $10.00; 5-in...	15.00
" Rooted Cuttings, $10.00 per 1000...	1.25
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Eulalia Japonica, 3½-inch pots.
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Platycodon Grandiflorum, blue, 3½-inch pots.
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Extra Selected Stock of following Palms:

Kentias Belmoreana and Forsteriana,

2½-inch pots, $8.00 per 100.
3½ " 12.00 "

Latania Borbonica,

3½-inch pots, $7.00 per 100.
4 " 15.00 "

HARMS PARK FLORAL CO.,

Berteau Ave., near Western, CHICAGO.

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DECIDUOUS TREES!

Medium and large sizes, including
Oaks, Maples,
Oriental Plane, Beech,
Birch, Ginkgo, Elms, Ash,
Lindens, Magnolias, Poplars and Willows

We have an immense stock of the above and are prepared to name liberal rates in quantity. Personal inspection invited. Correspondence solicited.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

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WHERE TO BUY HOLLY

Place your order with PULLEN. Place it now for the very best grade of bright green foliage, well berried, fresh from the swamps.

HOLLY WREATHS. Only first-class materials used—fresh green leaves plentifully clustered with berries. In ordering be sure and state sizes wanted and number of berry clusters desired on each. Goods shipped at proper time or on your order, carefully packed. Prices are most reasonably low.

NURSERY STOCK. All varieties of fruit—Peach, Pear, Apple, Plum, Cherry, Apricot, Quince—every one warranted true to name. Have an extra fine block of Japanese Plum.

PLANTS. Can furnish anything you wish in plants.

☞GOODS ARE THE BEST. PRICES ARE LOW.

Write for Particulars. **W. W. PULLEN, Nurseryman and Fruit Grower, MILFORD, Del.**

Mention The Review when you write.

4,500 2-Year-Old ROSES.

WHO WANTS THEM at 5c each, $5 00 per 100, $45.00 per 1000? Marechal Niel. Kaiserin, La France, White La France, Roger Lambelin, Duchess of Albany, Mme. Caroline Testout. Robt. Garrett and many others. Send 50c or $1.00 for samples. Cash with order.

JOS. LAIHR & SON,
Wholesale Florists. Box 280, Springfield, Ohio.

Mention The Review when you write.

PRIMROSES,

Chinese, large flowering, 2-in. pot, $1.25 per 100.

ASPARAGUS

Sprengeri, 2-in., $2.50 per 100.
Plumosus, 2-in., $3.50 per 100.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

SAN FRANCISCO.

Business is somewhat quiet this week, no doubt owing to the election near at hand. The fog and rains we have had lately have helped along violets wonderfully, much improving the quality. Roman hyacinths have been on the market for the past two weeks and are very fine. Chrysanthemums can almost be given away they are so plentiful. Some very fine Niveus, outside grown, are being brought in by the wagon load from the Chinese growers. Domcto Bros. have cut the last of The Queen and are now cutting a fair lot of Mrs. J. Jones. Carnations are fine as to quality and bring fair prices.

Prices.

Beauties, 50 cents to $2; Brides, Maids, Kaiserins, 25 to 75 cents; Meteors, 25 to 50 cents; Liberty, 50 cents to $1.50; C. Brunner, 6 cents per doz.; carnations, Hobart, $1; Crocker, 35 to 50 cents; Schwerins, 35 cents; Bradts, 25 to 35 cents; fancy, mixed, 50 cents; Scotts, 15 to 20 cents; Hill, 20 to 25 cents; Portia, 10 to 15 cents; chrysanthemums, Bonnaffon, 25 cents to $1; Mrs. J. Jones, $1.50; Niveus, 25 cents; V. Morel, 25 to 50 cents per doz.; outside chrysanthemums, 5 to 50 cents per doz; tuberoses, 75 cents per doz.; sweet peas, 75 cents to $1; Rom. hyacinths, 50 cents; violets, Princess, 75 cents; Marie Louise, 50 cents; smilax, 6 cents per string.

Chiparri is bringing in some very fine Roman hyacinths that are snapped up quickly.

E. Gill, Oakland, has received three gold medals from Europe, two from Dresden and one from Paris, for his new rose, Mrs. Cleveland. It is a hybrid perpetual, cherry red in color. Mr. Gill speaks highly of it.

Mr. G. N. Tyler, Alameda, reports that prosperity is with him in his new store, lately opened on Park street. J. N.

OTTAWA, ONTARIO.

Business during the past month has been fairly good. The season for open air stock has been the longest for years, the last of this class being disposed of only about two weeks ago.

Chrysanthemums have been in the market about a fortnight. They moved slowly at first but are now being disposed of more readily. The very best grades retail at $1 per dozen. The stock of carnations is described as scarcely equal to the demand; 25 cents per dozen is quoted as the retail price.

This season sees a new florist's establishment in Ottawa in the floral depot of Mr. H. Wright. Mr. Wright has large nurseries located near the city and expects to find his own resources of supply equal to his needs in his new venture.

C.

HARTFORD, WIS.—C. B. Tremain has built two houses, one 21x108, and the other 16x80, all heated by steam, and now in running order. He will build another house, 21x108, this fall if frost don't catch him first. He has his carnations benched and the plants are in fine shape. He has had four wedding decorations recently and reports business as very satisfactory.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
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WHOLESALE STORE, MINNEAPOLIS, MINN.
For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity.
TRY US.
BRANT & NOE, 124-128 Sixth Street, N.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
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WIETOR BROS.
Wholesale Growers of **Cut Flowers.**
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
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H. G. **Berning**
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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Carnation Blooms
OF ALL LEADING VARIETIES NOW READY.
CHICAGO CARNATION CO., Joliet, Ill.
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

KENNICOTT BROS. CO.

PRICE LIST.

	Per 100.
Beauties, long	$20.00 to $25.00
" medium	10.00 to 15.00
" short	6.00 to 8.00
Brides, Maids	2.00 to 4.00
Perles and Meteors	2.00 to 4.00
Roses, our selection	2.00
Carnations	.75 to 1.25
" named varieties	1.50 to 2.50
Violets	.60 to 1.00
Valley	4.00
Adiantum	.50 to .75
Chrysanthemums,	
Fancy, per doz	2.50
Medium, "	1.25 to 2.00
Common, "	.50 to 1.00
Common Ferns	per 1000, 2.00
Smilax	per doz., $1.25 to 1.50
Asparagus	" 6.00
Leucothoe	per 100, 1.00
Galax, Green	per 1000, 1.00
Mahonia Leaves	per 100, 1.00

Wholesale Commission Florists,

42 and 44 E. RANDOLPH ST.

CHICAGO.

WRITE FOR OUR PRICES ON WIRE WORK. YOU CAN'T DUPLICATE THEM ANYWHERE.

CHRYSANTHEMUMS,

Fancy, per doz., $2.50; Medium, per doz., $1.25 to $2.00
Common, per doz., 50c to $1.00

VIOLETS, PER 100, 60 CENTS TO $1.00.

MAHONIA LEAVES, $1.00 PER 100.

Store open until 6:30 p. m. week days.
Until noon Sundays and holidays.



FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.
Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, Hinsdale, Mass.

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Cyclamen

for Christmas blooming. Fine large healthy plants, 4 in., $8.00 per 100.

Chinese Primroses. Red, white and mixed, 3-in., $2.50, 4 in., $4.00 per 100.

SAMUEL WHITTON.
15-17 Gray Avenue, Utica, N. Y.
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CARTER'S WILD SMILAX.

11th year in the lead and still there. The best service. Cost you no more than the inferior and the results are better and sure. Write for prices on all **Decorative Evergreens.**

GEO. M. CARTER, - Evergreen, Ala.

HOLLY-- EXTRA FINE THIS SEASON.

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Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight. I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G. BARROW, Red Level, Ala.

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

NOW IS THE TIME to lay in your supply of FINE

Boston Ferns

FOR YOUR HOLIDAY TRADE.

Four and five-inch are nice sizes to buy. We have them in all sizes. Write us for prices.

GEO. A. KUHL,

Grower of ROSES, CARNATIONS, Etc.

PEKIN, ILL.

Mention The Review when you write.

WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb box, $1.00. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

Always mention the Florists' Review when writing advertisers.



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Weeping Lantanas, 2½-in. pots, $2.00 per 100; $18.00 per 1000.

Otaheite Orange, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " " 3 " 4.50 " 40.00 "

Ficus Elastica, perfect specimens of this fine rubber plant, 15 to 18 inches high, $3.25 per dozen; $25.00 per 100.

Araucaria Excelsa, Norfolk Island Pine, fine plants, 4 tiers of leaves, $1.00 each; $10 per doz.

Roses. All the leading varieties of Teas, from 4-in. pots, fine plants in perfect health, $8 per 100.
" All the leading varieties of Hybrid Teas, from 4-in. pots, elegant stock, $10 per 100.

Marechal Niel Roses, 15 inches and over in height, healthy plants, $4 per 100; $35 per 1000.

Send us your list of roses for quotation. Our Fall Trade List of all kinds of Rose Plants and Bulbs now ready. Write for it.

THE GOOD & REESE CO., The Largest Rose Growers in the World. **Springfield, Ohio.**

Mention The Review when you write.

Send Advs. Quick for our Thanksgiving Number or you will be too late.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Man who can grow nice stock of Brides and Maids; wages to start with. $30 per month and board; will pay more to efficient man. Address H. F., care Florists' Review.

WANTED—Every buyer of plants to consult our classified advs. when in need of stock.

WANTED—Young man to learn the florist business; wages first year, $10 per month with board and room; good references required. Mrs. Geo. W. Gaskill, Warren, O.

FOR SALE—On easy terms, two plant houses, residence on the adjoining lot, in city of 12,000 inhabitants. A good paying business established. Address 1243, care Florists' Review.

WANTED—Competent, single young man to work in greenhouses and hotbeds and in nursery if required. Will pay $40 00 per month with board to right man. Missoula Nursery Co., Missoula, Montana.

FOR SALE—A 25-barrel steel tank, with cover, for $20; as good as new. Gus. Knoch, Woodmere, Mich.

PRIMROSE AND CINERARIA.

Primrose, latest improved large flowering, fine plants, 2¼-in., $1.50 per 100; 3-in. extra strong, $4.00 per 100. Cineraria Grandiflora, 2¼-in., $2.00 per 100. Cash please.

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FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

McKELLAR & WINTERSON

Wholesale Dealers in everything for Florists.

CUT FLOWER PRICES.

Roses, Am. Beauties, select,	per doz.	$2.50 to $3.00
" " medium,	"	1.50 to 2.00
" " short,	"	.75 to 1.25
" Meteors, Libe ty	...per 100,	3.00 to 5.00
" Brides, Bridesmaid	"	3.00 to 4.00
" Perles, LaFrance	"	3.00 to 4.00
" Our selection	"	3.00
Carnations, extra sel ct	"	1.50 to 2.00
" good quality	"	1.00 to 1.25
" our selection	"	.75 to 1.00
Chrysanthemums, extra se'ect	"	20.00 to 25.00
" good quality	"	10.00 to 12 50
" short stems	"	5.00 to 8 00
Orchids, Cattleyas, select	per doz.	5.00 to 6.00
" good	"	4.00 to 4.50
" Cypripediums, select	"	1.50 to 2.50
" assorted Sprays, etc.,	per box.	5.00 to 25.00
Violets, extra select	per 100,	1 00
" good quality	"	.50 to .75
Valley, extra select	"	3.00 to 4.00

DECORATIVE STOCK.

Ferns, Adiantum	per 100,	.50 to .75
" common fancy	"	.20
" " "	per 1000,	1.50
Ivy Leaves, fancy	per 100, 25c "	2.00
Galax Leaves, fancy	" 15c "	1.25
Leucothe Sprays	" 60c "	5.00
" "	per 100,	.75
Smilax, extra select	per doz.	1.50 to 2.00
" choice ordinary	per 100,	10.00 to 12.50
Asparagus Plumosa, select strings,	per doz.	5.00 to 6.00
Asparagus Plumosus, sprays	per bunch,	.50
Wild Smilax, No. 1 contains 15 lbs.,	per case,	2.00
" No. 2 " 20 lbs.,	"	2.50
" No. 3 " 25 lbs.,	"	3.00
" No. 4 " 35 lbs.,	"	4.00
" No. 5 " 40 lbs ,	"	5.50
" No. 6 " 50 lbs.,	"	6.00

Prices subject to change without notice.

"We originate."
"Others imitate."
IMITATION is the most sincere flattery.

Florists' Auctioneers.

XMAS GOODS--ALL KINDS.

We are booking orders on all the following goods for December delivery. We guarantee our prices as low as any reputable house:

Select Delaware Holly.....per case, $4.50
" " " .....5 cases, 20.00
Bouquet Green, strictly fresh stock, per case, 4.50
" " " " 5 cases, 20.00
Bouquet Green Wreathing, per 100 yards, 3.00

Holly Wreaths, Green Wreaths, Mistletoe, Wild Smilax, Xmas Trees, Needle Pines, Cape Flowers, Immortelles and all decorative stock at lowest prices.

Write for our special quotations on ton lots on Bouquet Green, car lots on Holly and Bouquet Green.

Place orders early with us and receive the best stock in the market.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00;	6 for	$5.00
" wire pressed " .75;	6 for	4.00
Tobacco Stems, fresh, 200 lbs for		1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100		15.00
Cape Flowers, white, per lb		1.00
" colored, "		1.50
Tissue Paper, manilla, per ream		.50
" " white, "		1.00
Wax " manilla, "		1.40
" " white, "		2.00
Doves, first quality, ea. $1.00;	per doz	10.00
" second " .85;	"	9.00
Rubber Aprons, ea. $1.50;	per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

We have just received a large importation of best quality and shades of

Florists' Satin Ribbons.

Write for prices and samples of same.

45, 47, 49 Wabash Ave., CHICAGO, ILL.

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WM. F. KASTING,

WHOLESALE COMMISSION FLORIST,



ROSES, CARNATIONS and all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs

481 Washington St., BUFFALO, N. Y.

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Phone L. D. Central 2128.
Greenhouses at Morton Grove, Ill.

A. H. POEHLMANN,

Wholesale grower of and dealer in

..CUT FLOWERS..

55 and 57 Wabash Ave., CHICAGO, ILL.

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CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in pots, $5 00 per 100, or 20 for $1.00. **E. I. RAWLINGS, Quakertown, Pa**

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ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 10 0.

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

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GOOD TOOLS are always a good investment. Among the very best and most valuable is a copy of the Florists' Manual, by Wm. Scott.

BIG CUT....

to make room for 25,000 Geranium Cuttings that must be potted in ten days.

Roses. XX strong Brides, Meteors and Maids, 3-in., 12 to 18-in. high, fine plants, $2.00 per 100. Golden Gate and Perle, 2½-in., $2.00 per 100.

Coleus Our champion collection contains only the choicest varieties to be had. Strong 2¼-inch, $2.00 per 100.

Asparagus Sprengeri. Strong 3-in , ready for 4-in., 4c.; 2¼-in., ready for 3-in., 2½c.

Alternanthera. Three choicest dwarf varieties. Rooted Cuttings, 60c per 100; $5.00 per 1000.

Geraniums. Choicest mixed varieties. Strong 2¼ in., $1.50 per 100. Bruanti and Heteranthe, the two best scarlets, strong rooted cuttings, $1.25 per 100; $10.00 per 1000.

Ageratum. Louise Bonnatt, latest novelty in white. R. C., $1.00 per 100. Princess Pauline, R. C , 60c per 100.

Salvia Splendens. R. C., $1.00 per 100.

Smilax. Strong 2-in.. $1.25 per 100.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

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Boston Ferns.

THE TRUE VARIETY.

Small plants from bench	per 100,	$1.00
7,000 2-inch	"	2.50
1,000 3-inch	"	5.00
1,000 4-inch	"	8.00
500 5-inch	"	15.00
500 large plants from bench, ready for 6 and 7-inch pots	per 100,	20.00

DAVIS BROS., Morrison, Ill.

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" " " 3 " 4.50 " 40.00 "

Ficus Elastica, perfect specimens of this fine rubber plant, 15 to 18 inches high, $3.25 per dozen; $25.00 per 100.

Araucaria Excelsa, Norfolk Island Pine, fine plants, 4 tiers of leaves, $1.00 each; $10 per doz.

Roses. All the leading varieties of Teas, from 4-in. pots, fine plants in perfect health, $8 per 100.
" All the leading varieties of Hybrid Teas, from 4-in. pots, elegant stock, $10 per 100.

Marechal Niel Roses, 15 inches and over in height, healthy plants, $1 per 100; $35 per 1000.

Send us your list of roses for quotation. Our Fall Trade List of all kinds of Rose Plants and Bulbs now ready. Write for it.

THE GOOD & REESE CO., The Largest Rose Growers in the World. **Springfield, Ohio.**

Mention The Review when you write.

Send Advs. Quick for our Thanksgiving Number or you will be too late.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Man who can grow nice stock of Brides and Maids; wages to start with, $30 per month and board; will pay more to efficient man. Address H. F., care Florists' Review.

WANTED—Every buyer of plants to consult our classified advs. when in need of stock.

WANTED—Young man to learn the florist business; wages first year, $10 per month with board and room; good references required. Mrs. Geo. W. Gaskill, Warren, O.

FOR SALE—On easy terms, two plant houses, residence on the adjoining lot, in city of 12,000 inhabitants. A good paying business established. Address 1213, care Florists' Review.

WANTED—Competent, single young man to work in greenhouses and hotbeds and in nursery if required. Will pay $10.00 per month with board to right man. Missoula Nursery Co., Missoula, Montana.

FOR SALE—A 25-barrel steel tank, with cover, for $20; as good as new. Gus. Knoch, Woodmere, Mich.

PRIMROSE AND CINERARIA.

Primrose, latest improved large flowering, fine plants, 2¼-in., $1.50 per 100; 3-in. extra strong, $4.00 per 100. Cineraria Grandiflora 2¼-in., $2.00 per 100. Cash please.

J. W. MILLER, HATTON, PA.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

McKELLAR & WINTERSON

Wholesale Dealers in everything for Florists.

CUT FLOWER PRICES.

Roses, Am. Beauties, select,	per doz.	$2.50 to $3.00
" " medium,	"	1.50 to 2.00
" " short,	"	.75 to 1.25
" Meteors, Liberty	per 100,	3.00 to 5.00
" Brides, Bridesmaid	"	3.00 to 4.00
" Perles, LaFrance	"	3.00 to 4.00
" Our selection	"	3.00
Carnations, extra select	"	1.50 to 2.00
" good quality	"	1.00 to 1.25
" our selection	"	.75 to 1.00
Chrysanthemums, extra select	"	20.00 to 25.00
" good quality	"	10.00 to 12.50
" short stems	"	5.00 to 8.00
Orchids, Cattleyas, select	per doz.	5.00 to 6.00
" " good	"	4.00 to 4.50
" Cypripediums, select	"	1.50 to 2.50
" assorted Sprays etc.,	per box.	5.00 to 25.00
Violets, extra select	per 100,	1.00
" good quality	"	.50 to .75
Valley, extra select	"	3.00 to 4.00

DECORATIVE STOCK.

Ferns, Adiantum	per 100,	.50 to .75
" common fancy	"	.20
" "	per 1000,	1.50
Ivy Leaves, fancy	per 100, 25c	" 2.00
Galax Leaves, fancy	" 15c	" 1.25
Leucothe Sprays	" 60c	" 5.00
" "	per 100,	.75
Smilax, extra select	per doz.	1.50 to 2.00
" choice ordinary	per 100,	10.00 to 12.50
Asparagus Plumosa, select strings,	per doz.	5.00 to 6.00
Asparagus Plumosus, sprays	per bunch,	.50
Wild Smilax, No. 1 contains 15 lbs.,	per case,	2.00
" No. 2 " 20 lbs.,	"	2.50
" No. 3 " 25 lbs.,	"	3.00
" No. 4 " 35 lbs.,	"	4.00
" No. 5 " 40 lbs.,	"	5.50
" No. 6 " 50 lbs.,	"	6.00

Prices subject to change without notice.

"We originate."
"Others imitate."
IMITATION is the most sincere flattery.

XMAS GOODS--ALL KINDS.

We are booking orders on all the following goods for December delivery. We guarantee our prices as low as any reputable house:

Select Delaware Holly	per case, $4.50
" "	5 cases, 20.00
Bouquet Green, strictly fresh stock,	per case, 4.50
" " "	5 cases, 20.00
Bouquet Green Wreathing,	per 100 yards, 3.00

Holly Wreaths, Green Wreaths, Mistletoe, Wild Smilax, Xmas Trees, Needle Pines, Cape Flowers, Immortelles and all decorative stock at lowest prices.

Write for our special quotations on ton lots on Bouquet Green, car lots on Holly and Bouquet Green.

Place orders early with us and receive the best stock in the market.

Florists' Auctioneers.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00;	6 for	$5.00
" wire pressed " .75;	6 for	4.00
Tobacco Stems fresh, 200 lbs for		1.50
Preserved Cycas Leaves, assorted, 24 inches and up,	per 100	15.00
Cape Flowers, white,	per lb	1.00
" colored,	"	1.50
Tissue Paper, manilla,	per ream	.50
" " white,	"	1.00
Wax " manilla,	"	1.40
" " white,	"	2.00
Doves, first quality, ea. $1.00;	per doz	10.00
" second " .85;	"	9.00
Rubber Aprons, ea. $1.50;	per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

We have just received a large importation of best quality and shades of

Florists' Satin Ribbons.

Write for prices and samples of same.

45, 47, 49 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

WM. F. KASTING,

WHOLESALE COMMISSION FLORIST,



ROSES.
CARNATIONS
and all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs

481 Washington St., BUFFALO, N. Y.

Mention The Review when you write.

Phone L. D. Central 2128.
Greenhouses at Morton Grove, Ill.

A. H. POEHLMANN,

Wholesale grower of and dealer in

..CUT FLOWERS..

55 and 57 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5.00 per 100, or 20 for $1.00. **E. I. RAWLINGS, Quakertown, Pa**

Mention The Review when you write.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

Mention The Review when you write.

GOOD TOOLS are always a good investment. Among the very best and most valuable is a copy of the Florists' Manual, by Wm. Scott.

BIG CUT....

to make room for 25,000 Geranium Cuttings that must be potted in ten days.

Roses. XX strong Brides, Meteors and Maids, 3-in., 12 to 18-in. high, fine plants, $2.00 per 100. Golden Gate and Perle, 2½-in., $2.00 per 100.

Coleus Our champion collection contains only the choicest varieties to be had. Strong 2¼-inch, $2.00 per 100.

Asparagus Sprengeri. Strong 3-in., ready for 4-in., 4c.; 2¼-in., ready for 3-in., 2½c.

Alternanthera. Three choicest dwarf varieties. Rooted Cuttings, 60c per 100; $5.00 per 1000.

Geraniums. Choicest mixed varieties. Strong 2¼ in., $1.50 per 100. Bruanti and Heteranthe, the two best scarlets, strong rooted cuttings, $1.25 per 100; $10.00 per 1000.

Ageratum. Louise Bonnatt, latest novelty in white. R. C., $1.00 per 100. Princess Pauline, R. C., 60c per 100.

Salvia Splendens. R. C., $1.00 per 100

Smilax. Strong 2-in., $1.25 per 100.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write

Boston Ferns.

THE TRUE VARIETY.

Small plants from bench	per 100,	$1.00
7,000 2-inch	"	2.50
1,000 3-inch	"	5.00
1,000 4-inch	"	8.00
500 5-inch	"	15.00
500 large plants from bench, ready for 6 and 7-inch pots	per 100,	20.00

DAVIS BROS., Morrison, Ill.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Peter Henderson & Co., New York, register new Lilliputian canna, Little Gem. Flowers, orange-scarlet, each petal lightly edged with yellow. Very dwarf and compact, the extreme height to tip rarely exceeding two feet.

The same firm registers new, everblooming hardy rose, "Pan-American," a cross between American Beauty and Mme. Caroline Testout. Color under glass in winter soft red, a little lighter than American Beauty; in open ground in summer, deep, satiny, rosy pink. Flower, full double, guard petals cupped. fragrance strong.

WM. J. STEWART, Sec'y.

PEORIA, ILL.

With the advent of cooler weather business improved and has been much better of late. Mums are abundant and go fairly well at moderate prices.

Cole Bros. have a house of mums that it would be hard to beat; this has always been Nelson Cole's favorite flower and he does them well. Murray continues to cut some fine American Beauty roses, also good carnations. There are prospects of good stock this winter.

Joseph Reeve, foreman for J. C. Murray, is attending the chrysanthemum show in Chicago, and certainly needs a rest after 15 months' arduous labor.

A. B.

AMERICAN ROSE SOCIETY.

The schedule of premiums for the second annual exhibition of the American Rose Society, to be held in New York City next March, has been issued. The list of prizes is a lengthy one and covers a great variety of roses, with classes open to all and again open only to private gardeners and amateurs. Copies of the list may be had by addressing the secretary, Mr. Leonard Barron, 136 Liberty St., New York.

CARLISLE, PA.—A chrysanthemum show is to be held here Nov. 13th to 15th, and indications are favorable for a successful exhibition.

DON'T MISS having an adv. in our Thanksgiving Number, to be issued next week.

RACINE, WIS.—A. J. Fiddler has added two new houses, one 22x100, and the other 35x125.

HUTCHINSON, KAN.—S. G. Johnson, the florist, died recently of dropsy. He was 67 years old and had never married.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

HEACOCK'S PALMS. I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.;	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant,	2¼-inch pot,	8 to 10 inches high	$15.00 per 100
1 "	3 "	10 to 12 "	20.00 "
1 "	4 "	18 inches high	.50 each
3 "	5 "	18 "	1.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.;	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1 25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "
8 "	6 "	48 to 50 "	4.00 "	48.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.



A Fine Lot of.... PLANTS at Low Prices.

	Per 100.	Per 1000.
Geraniums, choice mixed, 2½-in.	$1.50	$12.50
Chinese Primroses mixed, 2½-in.	1.50	12.50
Hardy Pinks (Grass) Clumps	1.50	12.50
Flowering Begonias, mixed, 2½-in.	1.50	12 50
Calla Bulbs, medium sized	5.00	40.00
Field-Grown Roses, Bride, Bridesmaid and Perle	5.00	40.00
Sedum Variegatum (Border Plant), 2¼-inch	2 00	15.00
Rose Geranium, Scented	1.50	12.50
R. C. Carnation Morning Glory (Light Pink)	5.00	40.00

Pansy Seed, Giant Flowering, mxd. 1.00 per oz.
Pansy Plants, transplanted 6 weeks, 10 leaves and buds, $5.00 per 1000.
Hardy Ferns, mixed, 4-in. per 100, $5.00; 1000, $40.00
50 plants at 100 rates; 250 at 1000 rates. (Cash)

THE MORRIS FLORAL CO., Morris, Ill.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

CABBAGE PLANTS.

New Early, H. Succession, Early and Late Flat Dutch, Charleston and Jersey Wakefield, etc., $1.00 per 1000; 75c per 1000 in 10,000 lots.

Lettuce Plants. Big Boston, Boston Market. White Loaf, Tennis Ball, etc., $1 00 per 1000; 75c per 1000 in 10,000 lots. Cash with order.

J. S. LINTHICUM, - Woodwardville, Md.

Mention The Review when you write.

Hardy Herbaceous Plants

All strong field-grown plants. Coreopsis Lanceolata, Digitalis, Aquilegia, double and single mixed; Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus Crimson Eye, Chater's choice double Hollyhocks in five separate colors, Hardy Pinks in eight choice varieties, $1.00 per 100, $45.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St. HOLLAND, Mich.

Mention The Review when you write.

NEPHROLEPIS WITTBOLDII

Will be a big money maker for those who secure a stock this season. The demand next year will be immense when its good qualities are more generally known. It has all the desirable characteristics of the Boston Fern and makes a handsomer plant. Note the engraving from a photograph of fronds of Bostoniensis and Wittboldii side by side.

Our stock of N. Wittboldii is in splendid shape and we are offering fine plants, ready for 3 and 4-inch pots, at

$1.00 each,

$10.00 per doz.,

$75.00 per 100.

Orders filled in rotation as long as present stock lasts.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

Send in your order now. We shall send out only good strong plants, and will cease filling orders when we can no longer send out plants that will be a credit to us.

If you catalogue novelties you would do well to include N. Wittboldii in your list. Write us about it.

See our offers of Palms, Ferns, Asparagus, Araucarias, Ficus, Cycas and Dracaenas

in Classified Advs. in this issue of the Review. Put in your Christmas stock of plants now.

THE GEORGE WITTBOLD CO.,

1657 Buckingham Place, Chicago, Ill.

KANSAS CITY, MO.

Various Items.

The last week of October was one of great activity among the florists and, indeed, the entire month has been a very satisfactory one to all. Weddings and other social events have been numerous and lavish were some of the decorations put up for the occasions. The Humfeld Floral Co. and Samuel Murray handled two of the principal ones, which called for a large amount of choice material.

The annual meeting of the Street Railway association, a horse show and a fat cattle show also created quite a demand for flowers, several banquets being given in honor of visitors and owners of prize-takers. The spacious dining room at the Midland Hotel was skilfully decorated by Miss Jennie Murray, on Oct. 25th, for the banquet given the visiting stockmen.

For the first time in the history of the flower trade here we are now having an overproduction of roses, which may be attributed to two causes, the superior growth of the plants and the bright summer-like weather.

The best stock can be bought for 2 and 3 cents; other grades go at any old price. The American Beauty is the favorite rose here at present and is being sold in great quantities. Carnations are still scarce and retail at 50 cents per doz.; fancy varieties bring 75 cents. Mums are grown more extensively this year than formerly. The best and earliest of home production were grown by R. S. Brown & Son and retail at $2.50 per doz. This firm is now cutting a splendid crop of Maids, Brides and Woottons and are better able now than heretofore to supply their increasing trade. With roses and mums plenty, the florists are able to make their windows attractive and at very little expense.

Mr. James Hayes, a florist of Topeka, Kan., and a gentleman we are always pleased to meet, spent two days in town last week as the guest of Mr. Samuel Murray. H. J. M.

SEND ADVS. quick for our Thanksgiving Number, to be issuel next week. Copy must reach us by the morning of Nov. 14th at latest to be in time, and earlier will be better.

PITTSBURG, PA.—The annual chrysanthemum show in the conservatories at Schenley Park is attracting large crowds of visitors. The display is a grand one.

SUFFIELD, CONN.—T. C. Austin, head of the firm of T. C. Austin & Sons, is seriously ill. He is 82 years of age.

LOUISVILLE, KY.—Local florists estimate that about $28,000 will be spent for flowers during the triennial conclave of Knights Templar here.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Begonia Gloire de Lorraine.

The largest stock in the country in perfect condition.

Specimen plants ready at Thanksgiving and Christmas.

In 8-inch pans.
6-inch pans.
6-inch pots.
5-inch pots.
4-inch pots.

Grown at moderate temperature, well hardened off, perfect in shape, in splendid condition, covered with bloom. Write for prices.

THE COTTAGE GARDENS, QUEENS, L. I., N. Y.

C. W. WARD, Manager.

Mention The Review when you write.

4 Acres Field-Grown Carnation Plants, 120,000

Mayor Pingree Crimson Sport Jubilee Eldorado Maude Adams McGowan
L. L. Lamborn Sweet Briar Portia Mrs. Fisher Albertini Dorothy Sweet C. A. Dana

$1.00 per doz.; $4.00 per 100.

J. L. DILLON, - - - BLOOMSBURG, PA.

Mention The Review when you write.

Carnations.

FIELD-GROWN STOCK.

Gen. Gomez, Mrs. Bradt and Glacier, strong stock, $6 per 100; Pingree and Argyle, $4 per 100.

ASPARAGUS SPRENGERI, strong stock,

2-inch,	$3	per 100,
3 "	4	"
3½ "	6	"
4 "	10	"

F. DORNER & SONS CO., LA FAYETTE, IND.

CHRYSANTHEMUMS. Stock plants. New and standard varieties. Send for list. Early varieties READY NOW.

CARNATIONS. Field-grown plants all sold. Orders booked now for rooted cuttings of Genevieve Lord, the finest commercial pink to date. Ready Jan. 1st, $5.00 per 100; $40.00 per 1000. Correspondence with large growers specially invited.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

Surplus CARNATIONS.

600	Gen. Gomez	3c	
250	Melba	4c	
200	Daybreak	2c	
200	Victor	2c	
100	Gold Nugget	6c	
500	Sandusky	4c	
80	Maud Adams	4c	
40	America	3c	
50	Jubilee	3c	
75	Argyle	3c	

W. E. HALL, CLYDE, O.

Mention The Review when you write.

Carnations and Violets

California Field Grown, strong and healthy.

ELDORADO, SCOTT, McGOWAN, PORTIA, $5.00 per 100.

GEO. F. CURWEN, VILLA NOVA, P. O., Del. Co., Pa.

Mention The Review when you write.

"IRENE" The new Commercial Pink Carnation

will be shown at the Chicago Mum Show. Orders booked now.

Cuttings delivered soon as rooted.

Crabb & Hunter, Grand Rapids, Mich.

Mention The Review when you write.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street, BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Mention The Review when you write.

VIOLETS

Extra strong field-grown clumps.

California.....$4.00 per 100
Princess of Wales..... 5.00 "

NATHAN SMITH & SON, ADRIAN, MICH.

Mention The Review when you write.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Always mention the Florists' Review when writing advertisers.

THE ANNUAL SPECIAL

Thanksgiving Number

.....OF THE.....

FLORISTS' REVIEW

WILL BE ISSUED.....**Next Week.**

IT WILL, as usual, contain reports of the Chrysanthemum Shows, with views of the exhibitions, and other special seasonable matter, making it an unusually interesting and valuable number, and it will be widely circulated. This number will have extra value to advertisers but there will be no increase in rates, which are:

FULL PAGE, - - -	$27.00
HALF PAGE, - - - -	13.50
PER INCH, - - -	1.00

Subject to time discounts to those who have time contracts with us.

Send advertisements quick. They must reach us by the morning of Wednesday, Nov. 14, to be in time, and earlier will be better.

FLORISTS' PUBLISHING CO.,

520-535 Caxton Building. →CHICAGO.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, 2½-in., $3.00 per 100; $25.00 per 1000. 3-in., strong plants, $5.00 per 100.
Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGAVES.

Variegated century plants, 9 extra fine plants, 2 to 3 ft. high, to the highest bidder. Come quick. Chas. Pommert, Greenfield, Ohio.

AGERATUM.

Louise Bonnatt, latest novelty in white, rooted cuttings, $1.00 per 100. Princes Pauline, rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

ALTERNANTHERA.

Three choicest dwarf varieties, rooted cuttings, 60c per 100; $5.00 per 1000. South Side Floral Co., Springfield, Ill.

ARAUCARIAS.

We are headquarters for Araucarias. I have a large house full of them, purchased by my own selection on my trip to Belgium last September, and can offer you special prices. No seedlings. Raised from top cuttings only. 5-in. pots, 3 tiers, 10 to 13 in. high, 50 cents each. 5½-in. pots, 3 to 4 tiers, 12 inches and above, 60 cents each. 5½ and 6-in. pots, 3 to 4 tiers, strong plants, 12 in. and above, 75 cents each. 16 inches high and above, $1.00 each. Specimen 6-in. pots, 4 to 5 tiers, 22 to 24 in. high, $1.25 each. Araucaria Glauca, 6-in. pots, very fine, 18 to 25 in. across, $1.25 each. Cash with order.
GODFREY ASCHMANN, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

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Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
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Nephrolepis Exaltata	5-inch	2.00	15.00
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Hardy ferns for cultivation; 40 varieties; try them in your planting, they will thrive and increase in size and beauty where other plants fail. Catalogue of these and other herbaceous perennials. Edw. Gillett, Southwick, Mass.

Adiantum Farleyense. Nicely furnished specimens. Quality the best. 5-in. pots, $12.00 per doz.; 4-in. pots, $6.00 per doz.; 3-in. pots, $3.00 per doz.; 2½-in. pots, $15.00 per 100
J. A. Peterson, 405 Race St., Cincinnati, Ohio.

Boston ferns, the true variety. Per 100 small plants from bench, $1.00; 7,000 2-in., $2.50; 1,000 3-in., $5.00; 1,000 4-in., $8.00; 500 5-in., $15.00; 500 large plants from bench, ready for 6 and 7-in., $20.00. Davis Bros., Morrison, Ill.

Boston Ferns, 6-in pans, 60c. each; Boston Ferns, 7-in. pans, 75c. each; Boston Ferns, 8-in. pans, $1.00 to $1.50 each. In splendid condition.
Lake View Rose Gardens, Jamestown, N. Y.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1,000; largest size, $6.00 to $20 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Japan Fern Balls. Due in December. Send orders now for these great money makers. Send for our new price list for winter and spring. H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns from bench, suitable for 4 and 5-in. pots, at $15.00 and $20.00 per 100; 5-in. pots, $4.00 per doz. N. cordata compacta, 2¼-in. pots, $3.00; 3-in., $5.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Polystychum prolifera (Lace fern), 3-in. pot size, $1.00 per doz.; mailing size, 35c. Selaginella Emmeliana, 2½-in. pots, 50c per doz. A. & G. Rosbach, Pemberton, N. J.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Boston Ferns from 2½-in. pots, $3.00 per 100; $25.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

15,000 extra fine Boston ferns in all sizes of pots now ready for shipment. Write for prices.
Geo. A. Kuhl, Pekin, Ill.

Jardiniere ferns, elegant stock, $3.00 per 100; $25.00 per 1,000. J. B. Heiss, Dayton, Ohio.

For Boston ferns write John Welsh Young, Germantown, Pa.

FICUS ELASTICA.

Ficus Elastica (rubber plants). Have 1,500, imported last spring; 5½-in. pots, 12 in. high, 10 to 12 leaves, $3.50 per doz; 5½ to 6-in pots, $4.00 per doz. Specimen plants, 6-in. pots, $5.00 per doz. Small plants, 4-in. pots, 20 cents to 35 cents each. Cash with order. Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$ 60.00
7	24 to 28	14 to 16		10.00	75.00
8	28 to 34	16 to 18		12.00	100.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ficus elastica, 6-in. pots, 50c, 75c and $1.00 each; 7 and 8-in. pots, $1.50 to $2.00 each. First class stock.
Lake View Rose Gardens, Jamestown, N. Y.

Ficus elastica, perfect specimens, 15-18 inches high, $3.25 per doz.; $25.00 per 100. The Good & Reese Co., Springfield, Ohio.

Ficus elastica, in fine condition, grown in 6-in. pots, $4.00 per doz.

C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

FORGET-ME-NOTS.

Forget Me Nots (winter), 2-in., $3.00; 4-in., very strong, $10.00 per 100; rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

FRUIT PLANTS.

5,000 currant and gooseberry bushes; 4 varieties; well rooted, thrifty stock, $1.00 to $3.00 per 100. Write for particulars.
H. T. George, Saltsburg, Pa.

All varieties of fruit trees and every one warranted true to name.
W. W. Pullen, Milford, Del.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1000. P. J. Berckmans Co., Augusta Ga.

GERANIUMS.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Choicest mixed varieties, strong 2¼-in., $1.50 per 100. Bruanti and Heteranthe, the best scarlets, rooted cuttings, $1.25 per 100; $10.00 per 1,000.
South Side Floral Co., Springfield, Ill.

Geraniums, rooted cuttings. Beaute Poitevine, Mme. Jaulin, A. Ricard, S. A. Nutt, Double Grant. $2.00 per 100, $15.00 per 1,000. Cash with order. J. B. Shurtleff, Jr., Revere, Mass.

Geraniums, choice mixed, 2½-in., $1.50 per 100; $12.50 per 1000. Rose geranium, scented, $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

Geraniums, 100,000 rooted cuttings, send for prices. Greene & Underhill, Watertown, N. Y.

HARDY PLANTS.

40,000 American filberts (Corylus americana), or hazlenuts; nice, collected plants, 3 to 5 ft., well packed; F. O. B., $6.00 per 1,000; 4 to 7 ft., $8.00 per 1,000. Also white flowering dogwood, red ozier dogwood, tulip poplar (common elder), sweet ghum and red bud, all nice collected seedings, same sizes and prices as above for immediate orders. Send for my trade list of tree and shrub seeds and seedlings. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

CALIFORNIA PRIVET. Strong, stocky plants, 2 to 2½ ft., $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilia paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas S. Dutton, 85 West 12th St., Holland, Mich.

California Privet. Strong, stocky plants as follows: 20 to 30-in., 2 yrs., good, $2.50 per 100, $20.00 per 1000; 2 to 3 ft., fine, $3.00 per 100, $25.00 per 1000; 3 to 4 ft., extra fine, $4.00 per 100, $35.00 per 1000; 4 to 5 feet, very heavy, $5.00 per 100. All packed free of charge.
Chas. Black, Hightstown, N. J.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Have a Grandmother's Garden! Old-fashioned Roses, Honeysuckles and Hardy Shrubs at low rates. Ready November 1. The Grove Gardens, Box 29, Delaplane, Va., Fauquier Co.

About 300 kinds of hardy perennials, lilies, orchids, ferns, campanulas, delphiniums, hardy pinks, iris, lychnis, aquilegias. Catalogue sent. Edw. Gillett, Southwick, Mass.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Choice shrubbery at lowest surplus prices. All first-class transplanted stock. Also evergreens and shade trees, cheap. E. S. Peterson & Sons, Box 20, Montrose, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Fruit and ornamental trees, shrubs, vines and roses. Write for price list or send your lists of wants for special prices.
W. & T. Smith Co., Geneva, N. Y.

American tree seeds. Our descriptive catalogue of American seeds is just out. Ask for it. Pinehurst Nurseries, Pinehurst, N. C.

Wonderful bargains in hardy herbaceous plants. Heavy undivided stock, $3.00 per 100. For varieties see display adv. in this issue.
Edw. B. Jackson, Stamford, Conn.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

Hardy grass pinks, clumps, $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

California privet, 2 to 3 ft., $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

HELIOTROPE.

Heliotrope, fine plants for Xmas blooming, without the pots, $5.00 per 100. Cash. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

HYDRANGEAS.

Otaksa, Red-Branched and Thos. Hogg, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

I have 100 Hydrangea Otaksa, field-grown, ready for 8 and 9-in. pots at $2.50 per doz., or the 100 for $15.00. Charlie E. Clark, Woodford, Maine.

IVIES.

English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1757 Buckingham Place, CHICAGO.

English ivy, strong 2½-in., $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

LANTANAS.

Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

LEMONS.

Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100. Strong plants ready to bloom at once, $1.50 per doz.
Good & Reese Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., $4.50 per 100; $40.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Cattleya citrina, Laelia anceps, L. alba, L. Majalis, L. autumnalis, $24.00 per 100. Parcelpost paid. J. A. McDowell, City of Mexico.

PÆONIES.

Officinalis rubra, dark red, 2 to 3 years old, 4 to 8 crowns, also Paeonia chinensis, in mixture, 2 years old, $6.50 per 100. Cash with order. Wm. A. Finger, Hicksville, L. I., N. Y.

We have 100 named double varieties, selected for florists' use; all good for cut flowers. 1 each of 100 varieties, $15.00; 1 each of 50 varieties, $6.00; 1 each of 25 varieties, $3.00 Standard red, pink and white $1.20 per doz.
Indianapolis Flower & Plant Co., Indianapolis, Ind.

PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100
1 plant	2¼	8-10	$15.00
1 plant	3	10-12	20.00
1 plant	4	18 each	.50
3 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	3.00	each

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	
8	42 to 48	6	3.25	39.00	300.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼	3	.....	$ 0.60	$ 5.00	$ 40.00	
3	12	5 to 6	.....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	$2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3	4 to 6			$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	.....	.....	.....	$3.00
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6 extra fine			18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Corypha Australis, hardiest palm of all. Have 500 of them in 5-in. pots, 12 to 18 in. high, 45 cents each. Kentia Belmoreana, 5--in. pots, 18 in. high, bushy, 65 cents each. Kentia Forsteriana, 5-in. pots, 36 in. high, 75 cents each. Latania Borbonica, 6-in. pots, very fine, at the rate of $6.00 per doz. Cash with order.
Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Chamaerops, extra, 18-24 in. high, 4-6 char. lvs., $12.00 per 100. Phoenix canariensis, 2-in. pots, very strong, $6.00 per 100. Large, very fine Phoenix, dracaenas and chamaerops, from 4 to 15 ft. high, in boxes or from open ground, price on application. Sabal Blackburniana, 2-in., $5.00 per 100. Cash. A. Roedder, Shorb, near Los Angeles, Cal.

We are crowded for space and offer great bargains in palms. Latanias, 3-in., $1.00 per doz., $7.00 per 100; 4-in., $2.00 per doz.; 5-in., $4.00 per doz.; 6-in., $8.00 per doz. Phoenix reclinata, extra strong, 6-in., $8.00 per doz.
Brown & Canfield, Springfield, Ill.

Extra selected stock of Kentia Belmoreana and Forsteriana, 2½-in., $8.00 per 100; 3½-in., $12.00 per 100. Latania Borbonica, 3½-in., $7.00 per 100; 4-in., $15.00 per 100. Harms Park Floral Co., Berteau Ave., near Western, Chicago.

Pandanus Veitchii, 7-in. pots, beautifully shaped, variegated, $2.00 each. Pandanus Veitchii, 4-in. pots, $50.00 per 100. Large specimens, $3.00 to $5.00 each. Quality the best.
J. A. Peterson, 405 Race St., Cincinnati, O.

Latania Borbonica, 3-in. pots, $15.00; Areca Lutescens, 4-in. pots, $25.00; Cocos Weddeliana, 3-in. pots, $15.00. Plants are vigorous and unusually fine.
Lake View Rose Gardens, Jamestown, N. Y.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Latania borbonica, extra fine stock. 7-in., 9 lvs., $12.00 per doz., 25 for $22.00; 6-in., 7 lvs., $8.00 per doz., 25 for $15.00; 5-in., 6 lvs., $5.00 per doz., 25 for $9.00.
Critchell's, Cincinnati, Ohio.

Latania palma. Choice stock in fine condition. 5-in., 35c.; 6-in., 50c.; 7-in., 75c. 300 Latania Borbonica, strong, 2½-in., at 3½c.
Joy & Son, Nashville, Tenn.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

PALM SEED.

Palm Seeds, fresh on hand. Chamaerops Excelsa (in 10-lb. lots at 30c.), per lb., 40c.; Washingtonia Robusta, per lb., 75c.

	Per 100	1,000	5,000
Erythea Edulis (Brahea Edulis)	50c.	$4.00	$18.00
Phoenix Canariensis	50c.	2.00	
Phoenix Reclinata	25c.	2.00	8.75

Germain Seed & Plant Co., Los Angeles, Cal.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Strong plants ready now. Strain remarkable for size and color of bloom. By mail 50c per 100; by express $3.00 per 1000. E. Fryer, Batavia, Ill.

Pansy plants, transplanted, 10 leaves and buds, $5.00 per 1,000.
Morris Floral Co., Morris, Ill.

Pansy plants, choicest of all, $4.00 per 100.
C. Winterich, Defiance, Ohio.

PETUNIAS.

Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Price: Well sorted cuttings, $1.25 per 100 postpaid; $10.00 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

PRIMROSES.

Chinese Primroses, bushy plants, 4-in. pots, that will bloom at Xmas, at the rate of $6.00 per 100. Cash. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

PRIMROSES—Continued.

Primroses. A1 plants from 2½-in., $2.00 per 100, 35c per doz.; 3-in., $5.00 per 100. All will bloom for Christmas. Jno. E. De Wait, Box 82, Carlisle, Pa.

Chinese primroses, red, white and mixed, 3-in., $2.50; 4-in., $4.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Latest improved, large-flowering, 2¼-in., $1.50; 3-in., extra strong, $4.00 per 100. Cash.
J. W. Miller, Hatton, Pa.

Chinese, mixed, 2½-in., $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

Baby Primrose, 2¼-in., $4.00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Chinese, large-flowering, 2-in., $1.25 per 100.
Jos. H. Cunningham, Delaware, Ohio.

ROSES.

Grand offer to close. Fine plants. None better. We are compelled to move them as we must have room. A grand benefit to any one desiring good rose plants.

			Per 100	Per 1,000
1,000	Bridesmaids	3½-in. pots,	$1.50	$12.00
500	"	2 "	1.00	9.00
3,500	Brides	3 "	1.50	12.00
1,200	"	2 "	1.00	9.00
3,000	Meteors	3 "	1.50	15.00
500	Mme. Chatenay	4 "	1.50	
100	Mme. Cusin	2 "	1.00	
125	" "	4 "	1.50	
200	Golden Gate	2½ "	1.50	
50	Lady Dorothea	2¼ "	1.50	
700	Maid of Honor	4 "	2.00	
700	" "	2½ "	1.00	

Lake View Rose Gardens, Jamestown, N. Y.

Strong field-grown roses. American Beauty, La France, $20.00 per 100; Brides, Maids, $10.00 per 100; Perles, $12.00 per 100. These plants will fill 6 to 8-in. pots; were formerly grown on benches. Strong field-grown Kaiserins, for 6-in. pots, $12.00 per 100. Cash with order. A. Waldbart, Hamilton Ave. & Horton Pl., St. Louis.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.
Wood Bros., Fishkill, N. Y.

4,600 2-year-old roses. Who wants them at 5c. each, or $45.00 per 1,000. Send for list of varieties. Samples for 50c.
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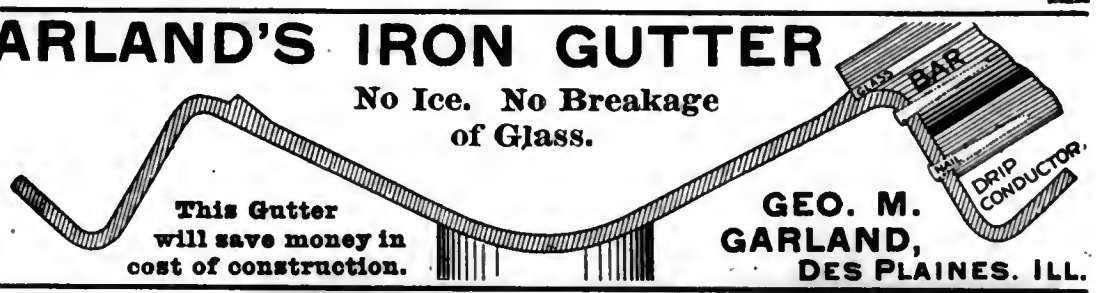
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G. L. GRANT, EDITOR AND MANAGER.

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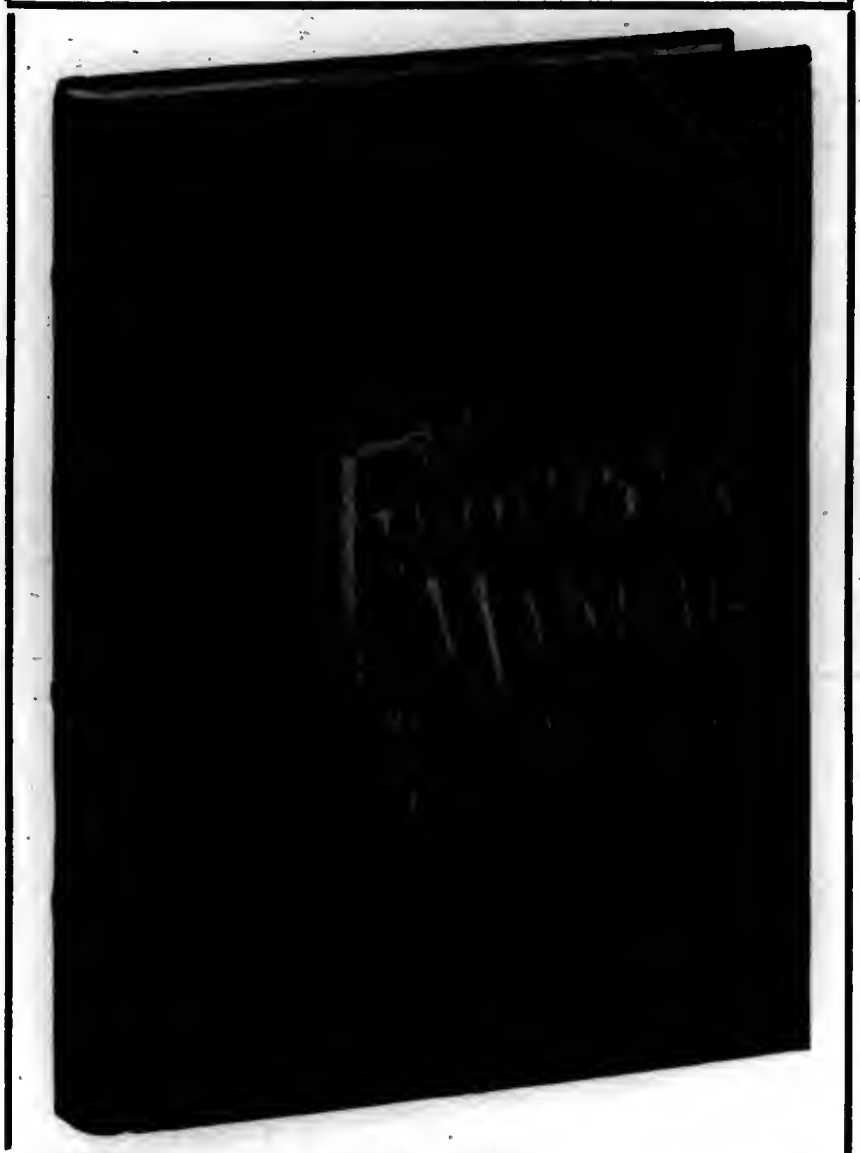
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JOHN THORPE.
Chicago.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
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M. S. WORDEN.
North Adams, Mass.

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GEO. S. OSBORN.
Hartford, Conn.

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Philadelphia.

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From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as those which have appeared in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutibility in methods, etc., so that the Manual, containing as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.
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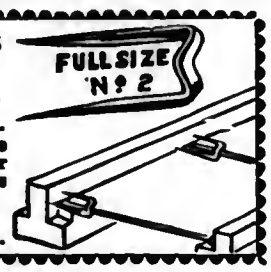


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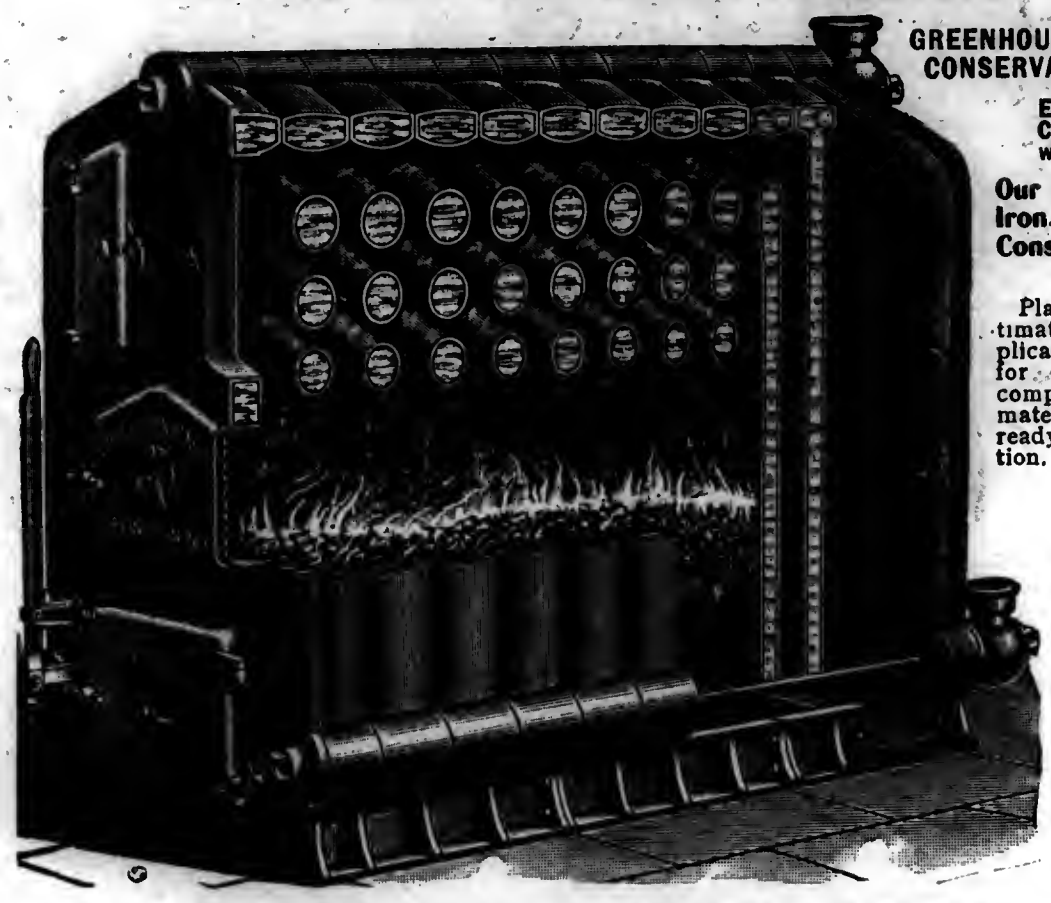
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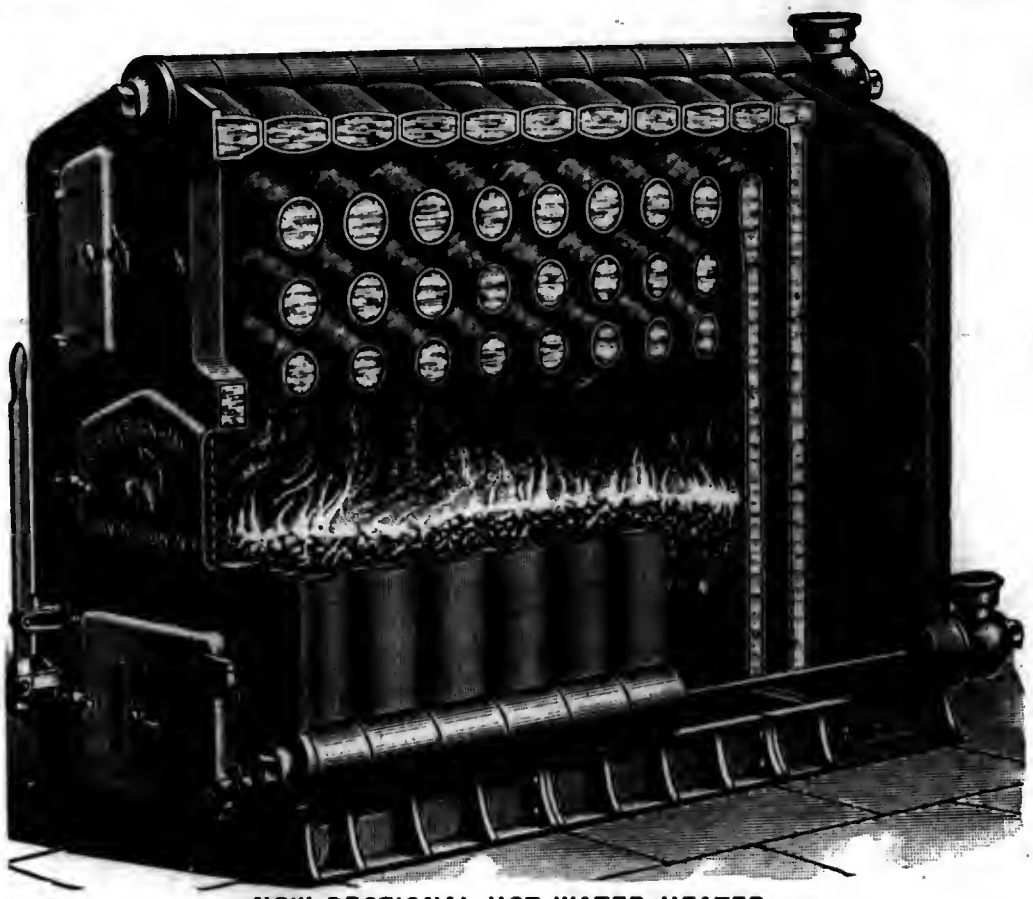
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MISCELLANEOUS SEASONABLE HINTS.

Lilies.

As chrysanthemums go out lilies will occupy the benches. I have never seen any reason to alter my opinion about starting the 7 to 9 bulbs in 4-inch pots and at this time shifting them into 6 and 7-inch. It should be done before they are more than 3 or 4 inches high. For the last shift we use good loam without any manure, but we put a crock in the bottom of the pot and a covering of some rotten manure. There is not yet much disease showing. Let us hope it may keep off, but we remember with sorrow that a batch of Bermuda longiflorum that looked splendid up to middle of last January began about that date to look as if they were scalded, and not one out of 500 escaped. I can only say that when once showing the disease it is useless and a waste of room to keep them a day on the bench.

The Japan longiflorums are up to date free of the disease and are now largely depended on for Easter. They can be kept in a temperature of 45 to 50 degrees till Dec. 1st. After that they should go into a night temperature of 60 degrees, which can be gradually increased to 65 or 70 if necessary, but never check them when once growing by lowering the temperature more than a few degrees or it will seriously impair their chance of blooming in time.

Lilies suffer very much from greenfly and fumigation scarcely reaches the aphis, which are deep down in the crown of leaves. A weak solution of one of the tobacco extracts sprayed into them will keep the fly down and a weekly fumigating will do the rest. To sum up the method of forcing lilies I should say, keep them cool till you are ready to give them a good heat; after that keep them steadily going, with no setback.

Chrysanthemums.

Up to present time chrysanthemums have sold about as well as in the past two or three years. Monster blooms are no longer asked for or desired. From $2 to $4 per dozen retail is our limit. The list of varieties is much curtailed and white, yellow and pink will cover 95 per cent of all that are sold. We lift a few plants or a few dozen of the varieties we want and plant them in 3 inches of soil in flats and keep them in a cool, light house till we want to begin operations again next February or March. If we wanted to greatly increase any one variety we would put into the propagating bed all available cuttings. When well rooted we would plant them out in 4 or 5 inches of good soil on a bench, 12 inches apart. From these plants we would get an immense quantity of cuttings and of the very best quality.

When calling on Mr. Dailledouze recently he remarked that we could not get along yet without old W. H. Lincoln and Maud Dean, and so we say, all of us. They also spoke most highly of Trainor L. Park, "the best mid-season yellow," and Walter Molatsch, which can be described as an early Lincoln. Ivory is still unsurpassed and Jerome Jones is still a grand late white. Don't forget Polly Rose, the white sport of Glory of the Pacific; it comes in just after Fitzwygram. W. K. Harris, the deacon and poet, raised Ivory, and Robert Craig raised Maud Dean, and if these gentlemen never did anything else meritorious they deserve that all their sins should be forgiven.

The petals of late chrysanthemums often damp and decay. This is caused by moisture resting on the petals, so keep a little fire heat and ventilation whenever it is dark and rainy, even if it is not cold.

There seems to be a lot of labor wasted in some places in giving mums more soil than is necessary. We have just now a bench of Lincolns just opening. They have much the strongest stems and finest foliage and largest flowers we have ever grown, and on measuring the depth of soil on the bench today we found that they had just two inches. There were three inches when they started in July, but it has shrunk and evaporated till there is barely two, and it's enough. A very interesting story could be told as to why roses are grown in 2½ or 3 inches of soil. No one thought of trying it purposely. It was purely an accident, and then we all followed the leader. We have to thank accident more than design for many of our most valuable methods.

Poinsettias.

I shall probably have nothing more to say about these Christmas flowers again this winter. I will remind you once more not to attempt to shift them or put them in pans. If you want to make up pans wait till the bracts are fully developed, or rather wait till the very day you want to sell them. For some reason not at present understood our plants in 6-inch pots have gone up a great height. This is quite undesirable and would be serious had we not a lot in 5-inch that are from 24 to 30 inches. It may have been too rich a soil or maybe the warm autumn. There are just two well known pests that you have to look out for. The mealy bug infests the real flowers or nectar cups. They can be washed off with the hose, and greenfly can be kept down by smoking.

Bulbs.

I hope you got in a good lot of Paper White for the holidays. Then is when it pays and it should be grown cool and light. Romans should be brought in every week and an extra lot about now for Christmas. Don't attempt to force tulips till the first week in December, and then it is hard work to get good flowers by Christmas. There are plenty of other flowers and unless there is a special order it is much wiser to leave the tulips out in the beds till after New Year's.



Display of John Mangel at the Chicago Show.

Palms.

When at Tower Grove Park, St. Louis,

a week ago, I saw an object lesson in palm growing and heard it described by that most interesting man and splendid gardener, Mr. James Gurney. I consider it a misfortune to me to have lived on the same continent 32 years and never before met that prince of park men. We are asked repeatedly: "Will our palms stand the sun?" When allowed to get dry in a small pot they won't; they burn, but dryness is not the only cause.

In a large house at Tower Grove you see hundreds of palms, many of them very large plants, and all used for the decoration of the grounds. Kentias, Phœnix and particularly grand latanias. Now, these latanias were beautiful with their shiny green leaves and these leaves were all made in the burning sun of Missouri. In the winter they are kept at about 45 degrees and of course do not grow at all, but when put out end of May they welcome the sun and heat, or, as Mr. Gurney says, "they look up with gladness to the sky and say 'Ah, beautiful sun, we love you and will spread out new leaves in your honor.'"

There is nothing to be learned in this about manufacturing young palms under high pressure system, but there is a good hint on how to winter them. Large palms are going to be used extensively in the adornment of lawns and grounds, and would not our large palms that are used in decorating be much more serviceable if they made their growth in the summer? They would be far less likely to be injured by the treatment they get during winter. If some of my readers saw the beautiful green of these latania leaves they could hardly believe they were developed in the broad sun. Keep your decorative palms cool and on the dry side and they will be of more use to you.

Orchids.

Cattleya labiata has been very plentiful this past six weeks, almost too much so. They will soon be gone. Keep the plants after flowering in a temperature of 55 to 60 degrees and rather dry, but by no means shriveling dry. Give the surface moss or peat an occasional sprinkling.

The beautiful Cypripedium insigne will be about opening now. They are of course most in demand around the holiday time. When the flower is once fully developed the plants can be removed to a cool, shady position and they will last six or seven weeks or even more. In a temperature of 45 degrees they will do very well and will need but a moderate amount of water.

WILLIAM SCOTT.

THE EXHIBITIONS.

CHICAGO.

[Continued from last week].

Carnations.

On Thursday the carnations were the center of attraction and they were a distinct gain to the exhibition. The display was a good one and very interesting.



Display by A. Lange at the Chicago Show.

The largest exhibitors were Bassett & Washburn. They had entered in many classes and their display was a show in itself, the blooms being extra fine in every day. They won the bulk of the prizes. The Chicago Carnation Co. was also a large exhibitor, showing many splendid flowers, and winning many premiums. The carnation part of the show was all right and a credit to the trade.

In the classes for 50 blooms, Bassett & Washburn were first on Flora Hill, White Cloud, Mary Wood, America, Red Bradt, Maceo, Cerise Queen, Mrs. James Dean, Mrs. Geo. M. Bradt, any other striped (with Olympia), and Gold Nugget. The Chicago Carnation Co. was first on G. H. Crane, Frances Joost and any other pink lighter than Scott (with The Marquis). W. J. & M. S. Vesey were first for any other white variety (with Evelina). And by the way, second in this class was taken by the old McGowan, exhibited by Mrs. A. M. Schaefer. Anton Then was first on Argyle and Daybreak. Wietor Bros. received first on Triumph, and the Guardian Angel Orphan Asylum (N. A. Schmitz, gardener) took first on Armazindy, and for any other pink not lighter in color than Scott, with Guardian Angel, a sport from Armazindy.

In the classes for new varieties, 25 blooms each, first for a pink not lighter in color than Scott was taken by the Chicago Carnation Co. with Lawson. For a pink lighter in color than Scott, Bassett & Washburn were first with Morning Glory, and they also took first for other than pink, white or red colors, with J. Whitcomb Riley. The silver cup for best 100 blooms, one variety, seedlings admissible, was won by Bassett & Washburn with a superb lot of G. H. Crane. A certificate of merit was awarded to Dorothy, a carnation exhibited by Mrs. E. T. Graves, Richmond, Ind., and honorable mention was given to R. Witterstaetter, Cincinnati, for 100 blooms of Enquirer. A certificate of merit was awarded to C. W. Ward, Queens, N. Y., for carnation Governor Roosevelt, and a silver medal was won by H. Weber & Sons, Oakland, Md., for 20 blooms of a seedling lighter in color than Scott. A vase of Prosperity was exhibited by Dailledouze Bros., Flatbush, N. Y., not for competition, and the flowers attracted much attention.

The Chicago Carnation Co. was unfortunate enough to have several entries in the classes of 50 disqualified by having a flower short in each. The fact that there was just one flower short in each case, and that the blooms were counted by three men, including Mr. Hartshorne himself, before staging, arouses the suspicion that the entries were tampered with after being staged and before the committee reached them. No suspicion attaches to any other exhibitor but it is thought that some evil disposed person with a grudge to satisfy may have seized this opportunity. If this suspicion is correct, the individual, whoever he may be, is a contemptible whelp and should be scourged from the society of decent people.

Chrysanthemums.

On Friday the contest for the silver cup of the Chrysanthemum Society of America, offered for ten blooms of any variety, brought out a very interesting display. The cup was won by Miller & Sons, Bracondale, Toronto, Canada, with a vase of their Timothy Eaton, an immense incurved white, pure in color and perfect in form, foliage and petallage. An engraving of this chrysanthemum appears in this issue. A. Herrington, Madison, N. J., entered a vase of blooms of an immense white, the flower 14 inches in diameter, named Mme. Deis, and for which he was awarded a certificate of merit. Certificates of merit were also awarded to Nathan Smith & Son. Adrian, Mich., for Mrs. Elmer D. Smith, a large yellow of the Bonnaffon type, and



Display by the Geo. Wittbold Co. at the Chicago Show.

to J. N. May, Summit, N. J., for Yanariva, a blush pink. Mr. May also received a certificate for a collection of pompon chrysanthemums, as did N. Smith & Son.

In the seedling competition on Saturday a silver medal was awarded to Mr. May for his Yanariva.

Floral Displays.

For the finest display by any retail florist, plants, flowers, floral arrangements and the usual accessories admissible, judging to be done each day during the show, the first prize, $100.00, was awarded to E. Wienhoeber, and the second prize of $70.00 went to John Mangel. These displays were a most attractive feature of the exhibition.

For best dinner table decoration, for 12 covers, to be judged each day during the exhibition, the flowers to be on Wednesday, chrysanthemums; on Thursday, white flowers; Friday, roses; Saturday, optional; first prize, a silver tea service valued at $125.00, was awarded to the Anderson Floral Co.; A. Lange, second, a cut glass vase valued at $90.00; John Mangel, third, $60.00 in cash.

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a week ago, I saw an object lesson in palm growing and heard it described by that most interesting man and splendid gardener, Mr. James Gurney. I consider it a misfortune to me to have lived on the same continent 32 years and never before met that prince of park men. We are asked repeatedly: "Will our palms stand the sun?" When allowed to get dry in a small pot they won't; they burn, but dryness is not the only cause.

In a large house at Tower Grove you see hundreds of palms, many of them very large plants, and all used for the decoration of the grounds. Kentias, Phoenix and particularly grand latanias. Now, these latanias were beautiful with their shiny green leaves and these leaves were all made in the burning sun of Missouri. In the winter they are kept at about 45 degrees and of course do not grow at all, but when put out end of May they welcome the sun and heat, or, as Mr. Gurney says, "they look up with gladness to the sky and say 'Ah, beautiful sun, we love you and will spread out new leaves in your honor.'"

There is nothing to be learned in this about manufacturing young palms under high pressure system, but there is a good hint on how to winter them. Large palms are going to be used extensively in the adornment of lawns and grounds, and would not our large palms that are used in decorating be much more serviceable if they made their growth in the summer? They would be far less likely to be injured by the treatment they get during winter. If some of my readers saw the beautiful green of these latania leaves they could hardly believe they were developed in the broad sun. Keep your decorative palms cool and on the dry side and they will be of more use to you.

Orchids.

Cattleya labiata has been very plentiful this past six weeks, almost too much so. They will soon be gone. Keep the plants after flowering in a temperature of 55 to 60 degrees and rather dry, but by no means shriveling dry. Give the surface moss or peat an occasional sprinkling.

The beautiful Cypripedium insigne will be about opening now. They are of course most in demand around the holiday time. When the flower is once fully developed the plants can be removed to a cool, shady position and they will last six or seven weeks or even more. In a temperature of 45 degrees they will do very well and will need but a moderate amount of water.

WILLIAM SCOTT.

THE EXHIBITIONS.

CHICAGO.

(Continued from last week).

Carnations.

On Thursday the carnations were the center of attraction and they were a distinct gain to the exhibition. The display was a good one and very interesting.



Display by A. Lange at the Chicago Show.

The largest exhibitors were Bassett & Washburn. They had entered in many classes and their display was a show in itself, the blooms being extra fine in every day. They won the bulk of the prizes. The Chicago Carnation Co. was also a large exhibitor, showing many splendid flowers, and winning many premiums. The carnation part of the show was all right and a credit to the trade.

In the classes for 50 blooms, Bassett & Washburn were first on Flora Hill, White Cloud, Mary Wood, America, Red Bradt, Macco, Cerise Queen, Mrs. James Dean, Mrs. Geo. M. Bradt, any other striped (with Olympia), and Gold Nugget. The Chicago Carnation Co. was first on G. H. Crane, Frances Joost and any other pink lighter than Scott (with The Marquis). W. J. & M. S. Vesey were first for any other white variety (with Evelina). And by the way, second in this class was taken by the old McGowan, exhibited by Mrs. A. M. Schaefer. Anton Then was first on Argyle and Daybreak. Wietor Bros. received first on Triumph, and the Guardian Angel Orphan Asylum (N. A. Schmitz, gardener) took first on Armazindy, and for any other pink not lighter in color than Scott, with Guardian Angel, a sport from Armazindy.

In the classes for new varieties, 25 blooms each, first for a pink not lighter in color than Scott was taken by the Chicago Carnation Co. with Lawson. For a pink lighter in color than Scott, Bassett & Washburn were first with Morning Glory, and they also took first for other than pink, white or red colors, with J. Whitcomb Riley. The silver cup for best 100 blooms, one variety, seedlings admissible, was won by Bassett & Washburn with a superb lot of G. H. Crane. A certificate of merit was awarded to Dorothy, a carnation exhibited by Mrs. E. T. Graves, Richmond, Ind., and honorable mention was given to R. Witterstaetter, Cincinnati, for 100 blooms of Enquirer. A certificate of merit was awarded to C. W. Ward, Queens, N. Y., for carnation Governor Roosevelt, and a silver medal was won by H. Weber & Sons, Oakland, Md., for 20 blooms of a seedling lighter in color than Scott. A vase of Prosperity was exhibited by Dailledouze Bros., Flatbush, N. Y., not for competition, and the flowers attracted much attention.

The Chicago Carnation Co. was unfortunate enough to have several entries in the classes of 50 disqualified by having a flower short in each. The fact that there was just one flower short in each case, and that the blooms were counted by three men, including Mr. Hartshorne himself, before staging, arouses the suspicion that the entries were tampered with after being staged and before the committee reached them. No suspicion attaches to any other exhibitor but it is thought that some evil disposed person with a grudge to satisfy may have seized this opportunity. If this suspicion is correct, the individual, whoever he may be, is a contemptible whelp and should be scourged from the society of decent people.

Chrysanthemums.

On Friday the contest for the silver cup of the Chrysanthemum Society of America, offered for ten blooms of any variety, brought out a very interesting display. The cup was won by Miller & Sons, Bracondale, Toronto, Canada, with a vase of their Timothy Eaton, an immense incurved white, pure in color and perfect in form, foliage and petallage. An engraving of this chrysanthemum appears in this issue. A. Herrington, Madison, N. J., entered a vase of blooms of an immense white, the flower 14 inches in diameter, named Mme. Deis, and for which he was awarded a certificate of merit. Certificates of merit were also awarded to Nathan Smith & Son, Adrian, Mich., for Mrs. Elmer D. Smith, a large yellow of the Bonnaffon type, and



Display by the Geo. Wittbold Co. at the Chicago Show.

to J. N. May, Summit, N. J., for Yanariva, a blush pink. Mr. May also received a certificate for a collection of pompon chrysanthemums, as did N. Smith & Son.

In the seedling competition on Saturday a silver medal was awarded to Mr. May for his Yanariva.

Floral Displays.

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The Tarrytown Horticultural Society held their second annual flower show in the Music Hall, at above place, Nov. 7th, 8th and 9th, and as far as we have been able to gather it was a great success. It was the best exhibition given in the neighborhood of New York or probably this side of Chicago this year, and yet there were not as many blooms as were shown last year. Tarrytown is too well known for any description of ours, but being as it is the centerpiece of more millionaires' homes than any other country town in the world it would seem strange if success could not be recorded on anything done in that section.

The society is handicapped by there not being a hall large enough for their show. This year the finest lot of specimen ferns seen at an exhibition in the past ten years were put up in a gallery where few could see their great beauty. This, under the plans adopted, was a necessity, and it is not our wish to criticise, though we must say that where space is limited, or, for that matter, at any show, the benches and pedestals should be made with a view of showing off exhibits at their best. However, there will always be something the matter at shows, but it is pleasant to record a success, more especially when and where there are obstacles to get over. It was an off year, too, in this section on chrysanthemums; though the blooms were on the average superior to those seen at other shows, still they were disappointing to the exhibitors themselves. With some varieties it was too early, with others it was too late. At Tarrytown there is no restriction to the county; the growers have all reputations and courage, the classes are open to all sections of the country and the consequence is that there is a general concentration of exhibits and attention there. And just by way of having a little fun with the localites the most cherished prize is scooped up by an outsider, but this only creates determination, not enmity, at Tarrytown.

The schedule was carefully and neatly gotten up and local advertisements made it pay. There were over $500.00 offered in premiums; 50 cents was charged the first day, 25 cents the remainder; the school children were invited on the second morning. With the majority it seemed a mistake that the show was not open on election day as the town was full of voters and money was plentiful. However, with the knowledge of their ability to put up the best show in the country the possibilities should always be what they really are in this section—more of a pace-setting than a comparison. All honor to the youngest society with the biggest success.

Awards on Plants.

Group of chrysanthemums in pots, occupying 100 sq. ft., 1st, Thomas Cockburn, 2nd, L. A. Martin; both very good groups, but the class is too large and expensive; half the size would be better. Three bush plants, distinct varieties, 1st, Wm. Turner, with Harvest Moon, Walter Molatch and Pink Ivory. Bush plant, white, 1st, Wm. Turner, with Ivory. Bush plant, yellow, 1st, Wm. Turner, with Harvest Moon. Bush plant, pink, 1st, Wm. Turner, with Morel. Bush plant, any other color, 1st, Wm. Turner, with G. W. Childs. Twelve plants single stem, 1st, Joseph Haworth; 2nd, Wm. Scott. Two standard, 1st, Wm. Turner. Mr. Turner made a clean sweep in the bush plant classes and never were better grown or daintier plants seen anywhere; they were not of monstrous size, but they were gems of the Duff and Turner grade; we regret our inability to illustrate them at present.

Foliage and Decorative Plants.

Group of palms and foliage plants, 100 sq. ft., 1st, W. H. Waite; 2nd, Wm. Turner; Howard Nichols and F. R. Pierson Co. also showed fine groups. All the groups were exceptionally fine and neatly arranged. Specimen palm, 1st, W. Waite, with a very fine kentia; 2nd, Wm. Stevenson, with a noble rhapis. Fancy foliage plant, 1st, W. Waite; 2nd, Wm. Turner. Table of plants arranged for effect, table 12x3½ ft., pots not to exceed 6-inch: There were several entries in this class and much kicking over the awards made; we ourselves had to agree that the "effect" got twisted among the judges' decisions; 1st prize went to W. H. Waite; 2nd, Howard Nichol. 6 plants suitable for table decoration, 1st, Wm. Anderson; 2nd, W. H. Waite. 3 specimen ferns, 1st, Wm. Scott; 2nd, Howard Nichol. Best specimen fern, 1st, Wm. Anderson, with an immense Boston fern; 2nd, Howard Nichol. 2 selaginellas, 1st, Wm. Scott; 2nd, H. Nichols. 2 adiantums other than Farleyense, 1st, Wm. Scott; 2nd, H. Nichols; both with A. cuneatum. Specimen Farleyense, 1st, H. Nichols. 6 cyclamen, Robert Angus, 1st; A. Fallon, 2nd. Several groups and specimen plants of various kinds were put up not for competition by F. R. Pierson Co. and many of the private gardeners.

Cut Chrysanthemums.

36 blooms, 6 varieties, 1st, Wm. Turner, with Bonnaffon, Robinson, Jerome Jones, C. P. Bennett, Appleton and Morel; 2nd, A. Grierson. 25 blooms distinct varieties, 1st, Wm. Scott, with T. Carrington, Mrs. J. M. Lewis, Golden Wedding, Emily Salsbury, Peter Kay, Mrs. Mease, H. Hurrell, Iora, Swanley Giant, Autumn Glory, Mrs. Peabody, Minerva, Silver Cloud, M. Fatzer, Good Gracious, Mons. Chenon d' Leach, Mme. Carnot, Mrs. R. Jones, Mme. Ferlat, G. J. Warren, Mrs. T. L. Park, Mrs. H. Robinson, Col. Appleton, Wm. Chadwick and A. J. Balfour; 2nd, Andrew Grierson. 12 blooms 12 varieties, 1st, Wm. Scott; 2nd, A. Grierson. 6 white, 1st, Wm. Smith, with Mrs. H. Weeks; 2nd, Wm. Turner. 6 yellow, 1st, Wm. Turner, with Bonnaffon; 2nd, Wm. Anderson, with Appleton. 6 pink, 1st, Wm. Nye, with Morel. 6 crimson, 1st, A. Grierson, with E. M. Bigelow. Vase of 25 arranged for effect, 1st, Andrew Taaffe; 2nd, W. Scott.

The F. R. Pierson prizes, silver cup, $25.00, and second prize of $10.00, for 12 blooms of Col. D. Appleton, brought out five competitors with a grand lot of blooms. The cup was captured by Wm. Anderson; 2nd to W. Smith. Certificates were awarded to F. R. Pierson for Col. D. Appleton and a collection of very fine blooms, among which Intensity, Pride of Ryecroft and Mrs. F. A. Constable were shining lights. John N. May was also awarded a certificate for Yanariva. Col. D. Appleton appeared the best chrysanthemum at this show.

Cut Roses.

12 American Beauties, 1st, W. Waite; 2nd, Wm. Turner; they were very fine flowers; we think 6 beauties is enough for any private gardener to show. 12 Bridesmaids, 1st, James Nichol; 2nd, A. Taaffe. 12 Brides, 1st, James Nichol; 2nd, A. Taaffe. 12 Perles, 1st, A. Taaffe; 2nd, A. Fallon. 12 Liberty, 1st, Wm. Turner; 2nd, G. M. Hay. 12 any other variety, 1st, A. Taaffe, with Morgan; 2nd, Wm. Turner. Mr. Turner's Liberties were very fine; it was the most interesting rose on exhibition. F. R. & P. M. Pierson showed a large vase of American Beauties; they were elegant; a special award was given them.

Cut Carnations.

36 blooms in 6 varieties, 1st, Wm. Turner, with Lawson, Whitcomb Riley, Bradt, Crane, White Cloud and General Gomez; 2nd, G. M. Hay. 18 blooms 3 varieties, 1st, R. Allen, Jr., with Crane, Olympia and Crocker; 2nd, W. H. Waite. 12 white, 1st, Wm. Turner, with White Cloud. 12 scarlet, 1st, Wm. Turner, with Crane; 2nd, G. M. Hay. 12 yellow, 1st, Wm. Turner, with Gold Nugget. 12 pink, 1st, Joseph Dexter; 2nd, G. M. Hay. 12 streaked, 1st, G. M. Hay; 2nd, Wm. Turner.

For seedlings not yet disseminated, certificates were awarded to Dailledouze Bros.' "Prosperity" and Ward's "Gov. Roosevelt," both of which had many admirers. The Lawsons exhibited by Wm. Turner were very fine and went far to

dispel any doubt that may exist as to the quality of that variety. The exhibit of carnations made by the F. R. Pierson Co. was very select and well grown.

Other Exhibits.

In the classes for violets 50 double, 1st, Jos. Boshard; 2nd, L. A. Martin. C. F. Bahret showed a bunch not for competition. 50 single, 1st, Wm. Turner; 2nd, H. Nichols. 50 Lady Campbell, 1st; Wm. Nye; 2nd, L. A. Martin.

Best arranged centerpiece for dining table, 1st, John Fursey, with Beauties; 2nd, A. Taaffe, with Bridesmaids. E. G. Asmus prize for best vase of Liberty roses was won by Wm. Turner. J. N. May prize for 25 Olympia carnations was captured by G. M. Hay; 2nd to Wm. Turner.

There was a very fine exhibit of fruits and vegetables. The J. M. Thorburn prize for collection of vegetables grown from Thorburn's seeds was captured by Adam Taaffe; 2nd, J. E. Caunee; both of these exhibits were remarkable for growth and cleanliness. 6 heads of late celery, 1st, Wm. Turner, with Fin de Siecle; 2nd, Peter Smith. 6 heads early celery, 1st, Wm. Turner, with White Plume; 2nd, Thos. Cockburn. 12 onions, 1st, Wm. Scott; 2nd, Wm. Nye. 6 leeks, 1st, Peter Smith; 2nd, Wm. Scott. 2 cabbage, 1st, L. A. Martin; 2nd, Wm. Scott. 2 cauliflower, 1st, Thos. Cockburn; 2nd, Jas. Boshard. 3 lettuce, 1st, Wm. Turner, with Big Boston; 2nd, H. Nichols. Dish of mushrooms, 1st, G. M. Hay; 2nd, Jos. Dexter. Collection of outdoor grown vegetables, 1st, James E. Caunce; 2nd, L. A. Martin.

Six varieties of apples, 1st, Wm. Smith; 2nd, Robt. Henderson. 3 dishes of apples, 1st, W. Smith; 2nd, W. Scott. 1 dish of apples, 1st, W. Smith; 2nd, Robt. Henderson.

In pears Jas. Caunce won 2 firsts. 2 bunches of greenhouse grapes, black, 1st, Wm. Scott; 2nd, Wm. Turner. 2 bunches of greenhouse grapes, white, 1st, Jas. Caunee. 3 bunches of greenhouse grapes, 1st, Wm. Scott. Outdoor grapes, 1st, L. A. Martin.

Several worthy exhibits were made by amateurs. Certificates were awarded Wm. Stevenson and Francis Gibson for finely grown Asparagus Sprengeri. It was a good show.

"LEPHREEANN."

judges a long time to decide. For 12 blooms in 4 varieties A. Herrington won handsomely, showing grand blooms of Merza, Col. Appleton, Morel and H. Hurrell. G. Bird, Morristown, was second.

The special prize for 12 Col. Appleton was won by W. Duckham with a splendid lot of large, well-finished flowers. In the single vase classes G. Bird was first for yellow with Pennsylvania, H. Hentz, Jr., Madison, first for pink, with Helen Bloodgood and F. Burnett, Madison, first for white with Robinson.

In groups of chrysanthemums and foliage plants J. Davies, gardener to



Display by E. Wienhoeber at the Chicago Show.

MADISON, N. J.

The fifth annual exhibition of the Morris County Gardeners' and Florists' Society was held in the Assembly Rooms, Madison, on November 7 and 8. The cut chrysanthemums, always a strong feature, this year surpassed all previous displays, and the fine special prizes offered brought some outside competition. For 6 varieties, 6 blooms of each, W. Duckham, gardener to D. Willis James, was first with a grand exhibit, comprising Nellie Pockett, a new cream white reflexed Jap on the style of, but far surpassing, Mayflower, Mons. Chenon de Leche, Mrs. H. Weeks, Jennie Falconer and Mr. T. Carrington, an enormous flower, magenta rose with silvery reverse. P. Duff, gardener to J. Crosby Brown, Orange, was second, the most notable in his exhibit being a fine vase of Col. Appleton.

Mr. Duff was first for 3 varieties, 6 of each, with grand vases of Weeks, Morel and Trainor Park. A. Herrington, Florham Farms, was second in a very close competition which took the Mrs. A. R. Whitney, Morristown, was first, and A. Coren, gardener to Mrs. J. Catlin, Morristown, second. A grand group not in competition, as also a number of specimen plants, were shown by W. Duckham. J. Jones, of Convent, was the winner for a group of foliage plants alone, and A. Coren for 12 ferns. Lager & Hurrell, Summit, took the special prize for orchids with a charming and varied exhibit.

The rose growers this year did not make their usual showing, in fact it was hard to believe we were in the Rose City. They all had the same excuse, weather, but there may be others. L. A. Noe and H. Hentz, Jr., were winners in the order named for 18 American Beauty, whilst for 12 Beauty H. Hentz was first and the only exhibitor. F. Burnett was first for 18 Bridesmaids and H. Hentz for the same number of Brides. For 6 Brides and Bridesmaids, F. Burnett and D. Falconer were first and second. E. Brant was the only exhibitor of Liberty and took the special prize.

Messrs. R. Craig & Son, Philadelphia, sent on a nice exhibit of Queen of Edge-

a soft pink color, quite distinct in this respect from the Morgan, but with a strong similar growth.

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The Tarrytown Horticultural Society held their second annual flower show in the Music Hall, at above place, Nov. 7th, 8th and 9th, and as far as we have been able to gather it was a great success. It was the best exhibition given in the neighborhood of New York or probably this side of Chicago this year, and yet there were not as many blooms as were shown last year. Tarrytown is too well known for any description of ours, but being as it is the centerpiece of more millionaires' homes than any other country town in the world it would seem strange if success could not be recorded on anything done in that section.

The society is handicapped by there not being a hall large enough for their show. This year the finest lot of specimen ferns seen at an exhibition in the past ten years were put up in a gallery where few could see their great beauty. This, under the plans adopted, was a necessity, and it is not our wish to criticise, though we must say that where space is limited, or, for that matter, at any show, the benches and pedestals should be made with a view of showing off exhibits at their best. However, there will always be something the matter at shows, but it is pleasant to record a success, more especially when and where there are obstacles to get over. It was an off year, too, in this section on chrysanthemums; though the blooms were on the average superior to those seen at other shows, still they were disappointing to the exhibitors themselves. With some varieties it was too early, with others it was too late. At Tarrytown there is no restriction to the county; the growers have all reputations and courage, the classes are open to all sections of the country and the consequence is that there is a general concentration of exhibits and attention there. And just by way of having a little fun with the localites the most cherished prize is scooped up by an outsider, but this only creates determination, not enmity, at Tarrytown.

The schedule was carefully and neatly gotten up and local advertisements made it pay. There were over $500.00 offered in premiums; 50 cents was charged the first day, 25 cents the remainder; the school children were invited on the second morning. With the majority it seemed a mistake that the show was not open on election day as the town was full of voters and money was plentiful. However, with the knowledge of their ability to put up the best show in the country the possibilities should always be what they really are in this section—more of a pace-setting than a comparison. All honor to the youngest society with the biggest success.

Awards on Plants.

Group of chrysanthemums in pots, occupying 100 sq. ft., 1st, Thomas Cockburn, 2nd, E. A. Martin; both very good groups, but the class is too large and expensive; half the size would be better. Three bush plants, distinct varieties, 1st, Wm. Turner, with Harvest Moon, Walter Molatch and Pink Ivory. Bush plant, white, 1st, Wm. Turner, with Ivory. Bush plant, yellow, 1st, Wm. Turner, with Harvest Moon. Bush plant, pink, 1st, Wm. Turner, with Morel. Bush plant, any other color, 1st, Wm. Turner, with G. W. Childs. Twelve plants single stem, 1st, Joseph Hayworth; 2nd, Wm. Scott. Two standard, 1st, Wm. Turner. Mr. Turner made a clean sweep in the bush plant classes and never were better grown or daintier plants seen anywhere; they were not of monstrous size, but they were gems of the Duff and Turner grade; we regret our inability to illustrate them at present.

Foliage and Decorative Plants.

Group of palms and foliage plants, 100 sq. ft., 1st, W. H. Waite; 2nd, Wm. Turner; Howard Nichols and F. R. Pierson Co. also showed fine groups. All the groups were exceptionally fine and neatly arranged. Specimen palm, 1st, W. Waite, with a very fine kentia; 2nd, Wm. Stevenson, with a noble rhapis. Fancy foliage plant, 1st, W. Waite; 2nd, Wm. Turner. Table of plants arranged for effect, table 12x3½ ft., pots not to exceed 6-inch: There were several entries in this class and much kicking over the awards made; we ourselves had to agree that the "effect" got twisted among the judges' decisions; 1st prize went to W. H. Waite; 2nd, Howard Nichol. 6 plants suitable for table decoration, 1st, Wm. Anderson; 2nd, W. H. Waite. 3 specimen ferns, 1st, Wm. Scott; 2nd, Howard Nichol. Best specimen fern, 1st, Wm. Anderson, with an immense Boston fern; 2nd, Howard Nichol. 2 selaginellas, 1st, Wm. Scott; 2nd, H. Nichols. 2 adiantums other than Farleyense, 1st, Wm. Scott; 2nd, H. Nichols; both with A. cuneatum. Specimen Farleyense, 1st, H. Nichols. 6 cyclamen, Robert Angus, 1st; A. Fallon, 2nd. Several groups and specimen plants of various kinds were put up not for competition by F. R. Pierson Co. and many of the private gardeners.

Cut Chrysanthemums.

36 blooms, 6 varieties, 1st, Wm. Turner, with Bonnaffon, Robinson, Jerome Jones, C. P. Bennett, Appleton and Morel; 2nd, A. Grierson. 25 blooms distinct varieties, 1st, Wm. Scott, with T. Carrington, Mrs. J. M. Lewis, Golden Wedding, Emily Salsbury, Peter Kay, Mrs. Mease, H. Hurrell, Lora, Swanley Giant, Autumn Glory, Mrs. Peabody, Minerva, Silver Cloud, M. Fatzer, Good Gracious, Mons. Chenon d' Leach, Mme. Carnot, Mrs. R. Jones, Mme. Ferlat, G. J. Warren, Mrs. T. L. Park, Mrs. H. Robinson, Col. Appleton, Wm. Chadwick and A. J. Balfour; 2nd, Andrew Grierson. 12 blooms 12 varieties, 1st, Wm. Scott; 2nd, A. Grierson. 6 white, 1st, Wm. Smith, with Mrs. H. Weeks; 2nd, Wm. Turner. 6 yellow, 1st, Wm. Turner, with Bonnaffon; 2nd, Wm. Anderson, with Appleton. 6 pink, 1st, Wm. Nye, with Morel. 6 crimson, 1st, A. Grierson, with E. M. Bigelow. Vase of 25 arranged for effect, 1st, Andrew Taaffe; 2nd, W. Scott.

The F. R. Pierson prizes, silver cup, $25.00, and second prize of $10.00, for 12 blooms of Col. D. Appleton, brought out five competitors with a grand lot of blooms. The cup was captured by Wm. Anderson; 2nd to W. Smith. Certificates were awarded to F. R. Pierson for Col. D. Appleton and a collection of very fine blooms, among which Intensity, Pride of Ryecroft and Mrs. F. A. Constable were shining lights. John N. May was also awarded a certificate for Yamariva. Col. D. Appleton appeared the best chrysanthemum at this show.

Cut Roses.

12 American Beauties, 1st, W. Waite; 2nd, Wm. Turner; they were very fine flowers; we think 6 beauties is enough for any private gardener to show. 12 Bridesmaids, 1st, James Nichol; 2nd, A. Taaffe. 12 Brides, 1st, James Nichol; 2nd, A. Taaffe. 12 Perles, 1st, A. Taaffe; 2nd, A. Fallon. 12 Liberty, 1st, Wm. Turner; 2nd, G. M. Hay. 12 any other variety, 1st, A. Taaffe, with Morgan; 2nd, Wm. Turner. Mr. Turner's Liberties were very fine; it was the most interesting rose on exhibition. F. R. & P. M. Pierson showed a large vase of American Beauties; they were elegant; a special award was given them.

Cut Carnations.

36 blooms in 6 varieties, 1st, Wm. Turner, with Lawson, Whitcomb Riley, Bradt, Crane, White Cloud and General Gomez; 2nd, G. M. Hay. 18 blooms 3 varieties, 1st, R. Allen, Jr., with Crane, Olympia and Crocker; 2nd, W. H. Waite. 12 white, 1st, Wm. Turner, with White Cloud. 12 scarlet, 1st, Wm. Turner, with Crane; 2nd, G. M. Hay. 12 yellow, 1st, Wm. Turner, with Gold Nugget. 12 pink, 1st, Joseph Dexter; 2nd, G. M. Hay. 12 streaked, 1st, G. M. Hay; 2nd, Wm. Turner.

For seedlings not yet disseminated, certificates were awarded to Dailledouze Bros.' "Prosperity" and Ward's "Gov. Roosevelt," both of which had many admirers. The Lawsons exhibited by Wm. Turner were very fine and went far to

dispel any doubt that may exist as to the quality of that variety. The exhibit of carnations made by the F. R. Pierson Co. was very select and well grown.

Other Exhibits.

In the classes for violets 50 double, 1st, Jos. Boshard; 2nd, L. A. Martin. C. F. Bahret showed a bunch not for competition. 50 single, 1st, Wm. Turner; 2nd, H. Nichols. 50 Lady Campbell, 1st; Wm. Nye; 2nd, L. A. Martin.

Best arranged centerpiece for dining table, 1st, John Fursey, with Beauties; 2nd, A. Taaffe, with Bridesmaids. E. G. Asmus prize for best vase of Liberty roses was won by Wm. Turner. J. N. May prize for 25 Olympia carnations was captured by G. M. Hay; 2nd to Wm. Turner.

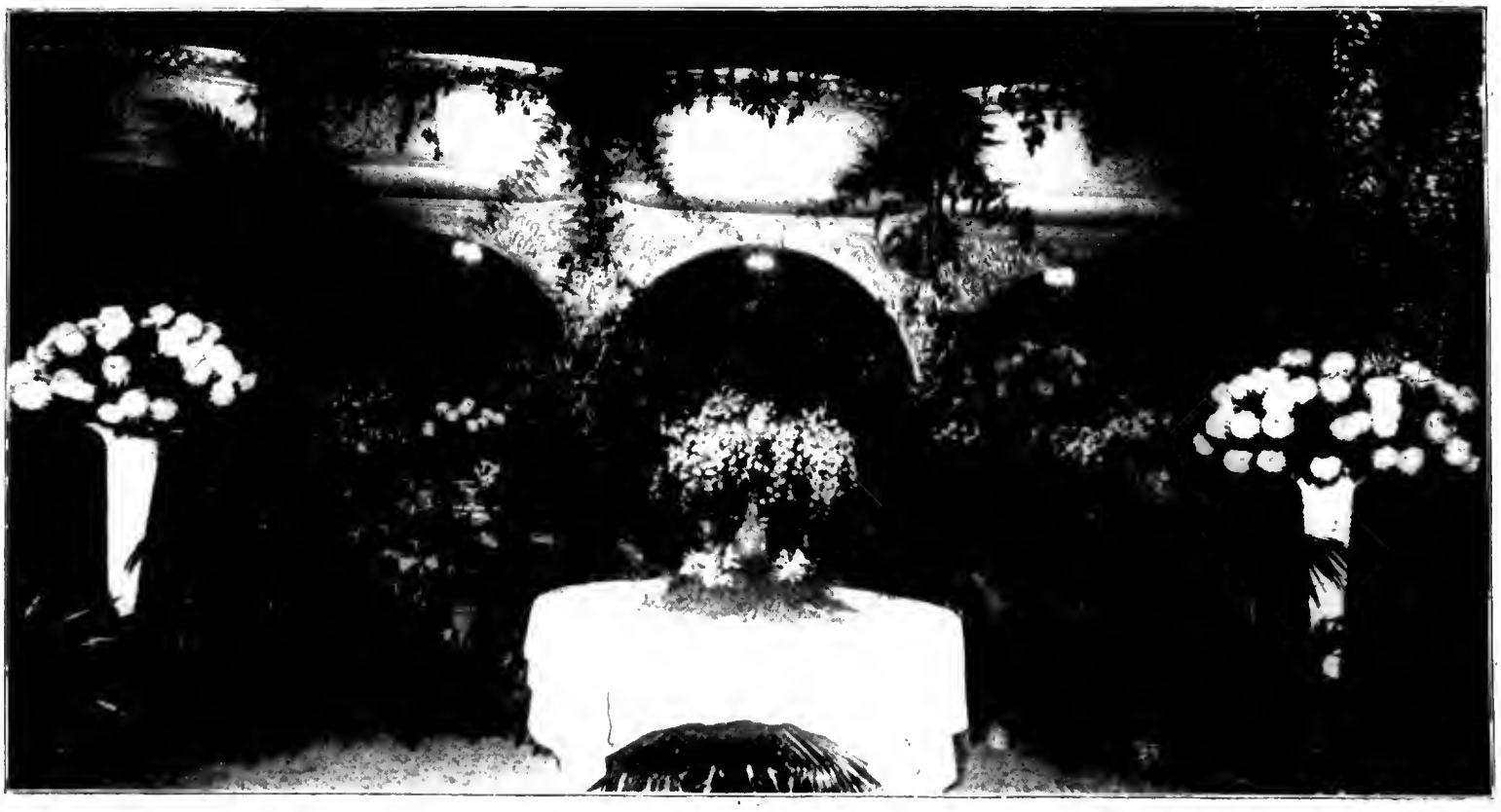
There was a very fine exhibit of fruits and vegetables. The J. M. Thorburn prize for collection of vegetables grown from Thorburn's seeds was captured by Adam Taaffe; 2nd, J. E. Cannee; both of these exhibits were remarkable for growth and cleanliness. 6 heads of late celery, 1st, Wm. Turner, with Fin de Siecle; 2nd, Peter Smith. 6 heads early celery, 1st, Wm. Turner, with White Plume; 2nd, Thos. Cockburn. 12 onions, 1st, Wm. Scott; 2nd, Wm. Nye. 6 leeks, 1st, Peter Smith; 2nd, Wm. Scott. 2 cabbage, 1st, L. A. Martin; 2nd, Wm. Scott. 2 cauliflower, 1st, Thos. Cockburn; 2nd, Jas. Boshard. 3 lettuce, 1st, Wm. Turner, with Big Boston; 2nd, H. Nichols. Dish of mushrooms, 1st, G. M. Hay; 2nd, Jos. Dexter. Collection of outdoor grown vegetables, 1st, James E. Cannee; 2nd, L. A. Martin.

Six varieties of apples, 1st, Wm. Smith; 2nd, Robt. Henderson. 3 dishes of apples, 1st, W. Smith; 2nd, W. Scott. 1 dish of apples, 1st, W. Smith; 2nd, Robt. Henderson.

In pears Jas. Cannee won 2 firsts. 2 bunches of greenhouse grapes, black, 1st, Wm. Scott; 2nd, Wm. Turner. 2 bunches of greenhouse grapes, white, 1st, Jas. Cannee. 3 bunches of greenhouse grapes, 1st, Wm. Scott. Outdoor grapes, 1st, L. A. Martin.

Several worthy exhibits were made by amateurs. Certificates were awarded Wm. Stevenson and Francis Gibson for finely grown Asparagus Sprengeri. It was a good show.

"LEPIDEEANN."



Display by E. Wienhoeber at the Chicago Show.

MADISON, N. J.

The fifth annual exhibition of the Morris County Gardeners' and Florists' Society was held in the Assembly Rooms, Madison, on November 7 and 8. The cut chrysanthemums, always a strong feature, this year surpassed all previous displays, and the fine special prizes offered brought some outside competition. For 6 varieties, 6 blooms of each, W. Duckham, gardener to D. Willis James, was first with a grand exhibit, comprising Nellie Pockett, a new cream white reflexed Jap on the style of, but far surpassing, Mayflower, Mons. Chenon de Leche, Mrs. H. Weeks, Jennie Falconer and Mr. T. Carrington, an enormous flower, magenta rose with silvery reverse. P. Duff, gardener to J. Crosby Brown, Orange, was second, the most notable in his exhibit being a fine vase of Col. Appleton.

Mr. Duff was first for 3 varieties, 6 of each, with grand vases of Weeks, Morel and Trainor Park. A. Herrington, Florham Farms, was second in a very close competition which took the judges a long time to decide. For 12 blooms in 4 varieties A. Herrington won handsomely, showing grand blooms of Merza, Col. Appleton, Morel and H. Hurrell. G. Bird, Morristown, was second.

The special prize for 12 Col. Appleton was won by W. Duckham with a splendid lot of large, well-finished flowers. In the single vase classes G. Bird was first for yellow with Pennsylvania, H. Hentz, Jr., Madison, first for pink, with Helen Bloodgood and F. Burnett, Madison, first for white with Robinson.

In groups of chrysanthemums and foliage plants J. Davies, gardener to Mrs. A. R. Whitney, Morristown, was first, and A. Coren, gardener to Mrs. J. Catlin, Morristown, second. A grand group not in competition, as also a number of specimen plants, were shown by W. Duckham. J. Jones, of Convent, was the winner for a group of foliage plants alone, and A. Coren for 12 ferns. Lager & Hurrell, Summit, took the special prize for orchids with a charming and varied exhibit.

The rose growers this year did not make their usual showing, in fact it was hard to believe we were in the Rose City. They all had the same excuse, weather, but there may be others. L. A. Noe and H. Hentz, Jr., were winners in the order named for 18 American Beauty, whilst for 12 Beauty H. Hentz was first and the only exhibitor. F. Burnett was first for 18 Bridesmaids and H. Hentz for the same number of Brides. For 6 Brides and Bridesmaids, F. Burnett and D. Falconer were first and second. E. Brant was the only exhibitor of Liberty and took the special prize.

Messrs. R. Craig & Son, Philadelphia, sent on a nice exhibit of Queen of Edge-

ly, which was awarded the society's certificate.

Vegetables and fruits filled a room adjoining the main hall and visitors evinced as much interest in them as in the flowers. Among non-competitive exhibits special mention must be made of a fine lot of carnation Prosperity from the Dailledouze Bros., which was certificated; a nice group of pompon chrysanthemums in pots from J. N. May, Summit; and a well-grown group of Adiantum Farleyense from Dean & Parse, Summit.

The judges were Mr. J. W. Withers, of New York, Mr. N. Butterbach, Oceanic, and Mr. Geo. Smith, Orange.

At the close of the show Vice-President Totty mounted the rostrum and auctioned off the flowers on behalf of the fund being raised for the Galveston florists, and with brisk bidding times were lively and a substantial sum was raised.

H.

TORONTO.

In spite of elections, the return of the "Khaki Boys" from South Africa and other excitement, the Toronto florists and amateurs managed to put up a first rate show, fully up to the standard of former years and in some things, notably orchids, the standard was distinctly raised. Up to the second day, however, the show had not received the patronage it assuredly deserved, and it was the general opinion that something would have to be done if a show was to be held next year, to insure exhibitors getting their prize money and the advertising expected.

I have always been very much against holding flower shows in connection with charitable institutions and such like, thinking that a first-class show ought to draw on its merits. With some people this is the case, but their number is not large enough to make a show pay its way, and florists cannot be expected to go to the trouble and expense of growing plants and flowers fit for exhibition simply for the glory gained in their own set. I am beginning to think that the charitable institution will have to be the "draw" for a year or two at any rate.

But to return to the show. The general effect created was, I think, better than that of any former show, and this was to a large extent due to the most magnificent bank of orchids, ferns and palms which filled the entire stage front. The orchids were from the greenhouses at Exhibition Park and their appearance showed clearly that in Mr. J. Goodier, the park commissioner has a man who thoroughly knows his business. Manton Bros. also had a splendid bank of a similar nature across one end of the annex, which also contained some fine grown specimens and showed great taste in its general get up.

The groups of chrysanthemums (four) were very good and tastefully arranged, but nothing new or particularly striking was elicited. The Horticultural Gardens was first, Exhibition Park second and Manton Bros. third.

The first prize for group of foliage plants, etc., was taken by Horticultural Gardens, with a very pretty and effective arrangement, certainly the best I have seen in the pavilion. Mr. E. Collins, the able and energetic foreman, has got on to the trick of bringing out the beauties of every plant without giving the thin and skimped look sometimes produced when this is tried. Manton Bros. were second with a very nice group and Exhibition Park third. Some of the best plants in the show were in this latter group, crotons, dracaenas, etc.; but fully a third more plants were used than necessary, and the effect which these beautiful plants might have been made to give was entirely lost.

Chrysanthemum bush plants showed an improvement over the last year or so, though not nearly so good as they were some years ago. Single stem plants were up to the mark but not so numerous. Horticultural Gardens took first all through in these sections. Exhibits of palms showed a slight falling off, too, I believe, and the stock was not quite so good as I have seen, but taken all together they were a fine lot and very effective in decorating the hall.

The show was a week too early to bring out the best cut blooms in the florists' sections and though some very fine individual blooms were set up, and all were good, taken as a whole, this line was a little below par. The amateurs, however, in the Horticultural Society exhibit, put up blooms fully equal to any that have been shown before and in some cases better. Florists will have to look to their laurels; if the amateurs keep on as they have begun they will soon be entering into direct competition with them.

Seedlings were shown by F. C. Miller & Sons and George Hollis, the latter exhibiting a vase of ten or twelve, two of which were given certificates. Miller & Sons exhibited a seedling which they have named Mrs. Timothy Eaton; it is a pink edition of Timothy Eaton, the immense white shown by them last year. Mrs. T. E. took first prize in vase of 12 pink and vase of 6 pink against V. Morel, Mrs. Perrin, etc. It was also awarded a certificate.

Roses were, as usual at the Toronto show, unapproachable. A vase of Morgan put up by the Dale estate had to be seen to be believed; they were simply magnificent. The same exhibitor also took first this year for the vase of 50 American Beauty, W. J. Lawrence taking first for the vase of twelve. The prizes for the other varieties were divided up between the Dale estate, J. H. Dunlop, J. Gammage & Sons (London), W. J. Lawrence and Toronto Floral Co.

Carnations were as good as could be expected at this time of year, perhaps better, but with the March carnation show still fresh in one's memory, one is inclined to be too critical. All the latest varieties were on deck, their beauties and failings being much discussed. Violets have been better, but the season has been against them.

Competition in the floral design section was, as usual, very keen and exciting. Mr. W. Scott, the judge, had no easy task. Taste goes a long way in judging these exhibits, and as everybody's taste differs in some way or other, criticism is indulged in to a large extent, but I think Mr. Scott this year succeeded in reducing it to a minimum. Everything put up in this section was magnificent and first-class in every way and it was not easy to pick out weak points in any single exhibit. The principal exhibitors were C. Tidy, J. H. Dunlop, F. Brown, J. Simmons and Gammage & Sons (London).

Mr. Geo. Mills, as usual, filled the position of superintendent to the satisfaction of all concerned, and Mr. W. Jay, Jr., performed the arduous duties of secretary in like manner.

E.

DENVER, COLO.

Denver's flower show opened on Thursday, Nov. 8th, and continued through to Sunday night. The show was held at the City Park pavilion, a most beautiful place and thought to be large enough to hold everything that might be brought in, but by Saturday it was seen that another year a larger place must be secured. The attendance was very large every day and on Sunday afternoon, the last day, it was a crush. It took several policemen to keep the crowd in check but with the aid of railings the people were kept in line. The city's best orchestra played sweet strains to the promenaders both afternoon and evening of each day and on Sunday afternoon the city band gave a band concert in the stand out on the lake for the benefit of those who waited for their turn to see the flowers. Much credit is due Mr. Valentine, chairman of the arrangement committee; Mr. Al. Mauff, superintendent of the show, and John Berry, secretary of the club, for the success of the show.

In pot chrysanthemums some very well grown plants were shown. Mrs. Weeks in the white class, Georgiana Pitcher in the yellow and Iora in the pink. The Park Floral Co. showed up with the best in pot mums. In cut mums the competition was very keen and the quality of the stuff excellent. Nothing new, amounting to anything, was shown; but some of the standard sorts, such as Niveus, Queen, Bonnaffon, Viviand-Morel, Mrs. Weeks and Helen Bloodgood being very well done.

In the competition for 20 blooms, distinct varieties, both the Colfax Ave. Floral Co. and Park Floral Co. made worthy exhibits. In the former collection some grand blooms were shown, Niveus, Queen and Bonnaffon being the cream.

The show of roses was grand. Mrs. R. Mauff showed some fine vases of Maids, Brides, Mermets and Beauties. The Park Foral Co. ran a close second here, but there were two vases of Liberties staged that attracted a great deal of attention.

A fine display of carnations was made, The Park Floral Co. showing a vase each of Lawson, Marquis, Crocker and Olympia. The Colfax Floral Co. showed a vase of Triumph that was a good second to Lawson. In whites, Mary Wood showed the best—it had to, for some good vases of Flora Hill and White Cloud were shown. In reds, Crane took the



Vase of Chrysanthemums and autumn foliage, by Anderson Floral Co., at Chicago Show.

prize, with Bon Ton a close second. In the variegated class both Olympia and Bradt were good, Bradt particularly so, but Olympia is Olympia.

In the mantel and table decorations some fine work was done. The Park Co.'s mantel, which took first, was an artistic affair in which a fine color scheme was carried out. Poinsettias were used to advantage in this. The Colfax mantel was equally as pretty, but rather overdone. This mantel was carried out in white and green. In table decorations there were four entries and each was decidedly different. The Colfax table was prettily done, perhaps a little too much of the table was taken up by the decoration. The Park Floral Co.'s table was a neat affair of Gloire de Lorraine arranged in a low, flat basket. It was seen here that this plant can be made effective in a table decoration. Wm. Clark's (of Colorado Springs) table was arranged with the Lawson carnation, very pretty, but was, I think, spoiled by too much ribbon. Mrs. Gallup's table was an arrangement of white roses and violets, probably intended for a wedding breakfast.

Among the baskets that were shown, the prettiest and the one that attracted the most attention, was a high-handled basket made up of a dark-red cyclamen; the handle was trimmed with croton foliage and ribbon to match the flowers. Another pretty basket was an arrangement of chrysanthemums and autumn foliage. This basket was made up of Pennsylvania and Mrs. Weeks and autumn leaves and received first prize. John Berry's basket, which took second, was made of pink mums and asparagus; a very pretty thing, but not as striking as the autumn leaf effect.

The judging for the entire show was left to local men. Judging by scale of points was somewhat new to them, but they came out with very little kicking.

The awards were as follows:

Best four, 12-inch chrysanthemum plants, Park Floral Co. first with Weeks, Mutual Friend, Pitcher and Lincoln.

Six white, 6-inch, Park Floral Co. with Weeks.

Six pink, 6-inch, Park Floral Co. with Iora.

Six yellow, 6-inch, Park Floral Co. with Pitcher.

Twenty, single stems, 5-inch, Park Floral Co.

Flowering begonias, six varieties, Park Floral Co. first.

Twelve geraniums, 10-inch, Park Floral Co. This display seemed a revelation to the public and attracted a throng all through the show.

In potted carnations there was no competition, The Park Floral Co. winning first with Lawson, Crocker, Olympia, Marquis, Flora Hill and White Cloud.

The Park Floral Co. were the only exhibitors in the collection of blooming plants, but they made a very creditable display of primulas, cyclamen, Browallia, cattleyas, Begonia Gloire de Lorraine, stevia, poinsettia and Roman hyacinths in pans, the last three being remarkably well done considering the season.

In the classes for twelve palms or twelve ferns and for six Rex begonia The Park Floral Co. was awarded first.

Emil Forter, gardener to C. B. Kountze, was first with Latania borbonica for best decorative plant, commercial growers being excluded from this competition.

Decorative group arranged for effect, 100 square feet, Colfax Avenue Floral Co., first; Park Floral Co., second.

In the competition for cut blooms, Colfax Avenue Floral Co. won first with twelve blooms of Niveus, which were unusually well done; F. F. Crump, of Colorado Springs, second with Queen.

Colfax Avenue Floral Co. also won first in pink with Viviand-Morel, and won in the class for six vases, six varieties, with Iora, Weeks, Philadelphia, Pennsylvania, Niveus and Bonnaffon.

In the class for twenty single blooms the Colfax Avenue Floral Co. won first, Bonnaffon, Queen and Philadelphia being noticeably well done.

The Park Floral Co. won first with Pennsylvania and this vase carried with it the Wolcott cup given for the vase of twelve, any class, scoring the highest number of points. The Park Floral Co. also won first in "any other" class with Xeno, one of last year's novelties. As shown here it would seem likely to become a standard sort.

The Williams cup of sterling silver offered for the best seedling chrysanthemum was not competed for and will doubtless be hung up again in the same class by the society next year. Seedling growers please take notice.

The roses and carnations staged on Saturday were a grand display, and we wish they might have been seen by that class of eastern growers who appear to think that nothing good can come out of the West. Al Mauff was easily cock of the walk in the rose competition with awards of first in Beauty, Wootton, Bride and Bridesmaid. He was also awarded second in the "any other" class for a vase of Mermets which to most observers were a better vase than almost anything else in the show. The Colfax Avenue Floral Co. were first in this class with a vase of very fair Liberty. They also won first for Perle. F. F. Crump won second in this class and also in Woottons.

The Park Floral Co. was first in Kaiserin and ran second to Mauff in Beauty, Bride and Bridesmaid.

In the carnations the competition was lively and in a good many instances close. The Park Floral Co. were first with Crane, Marquis, Lawson, Maceo and Olympia, and in the seedling classes won first, second and third. The Colfax Avenue Floral Co. was first with Mary Wood and with Scott.

In violets J. W. Smith, of Colorado Springs, won first for 100 double with an exceptionally well colored bunch of Marie Louise. Lyle C. Waterbury won

first in singles with Princess of Wales.

Best hand bouquet, Gallup Floral Co. received first prize on a pretty shower, and Scott Anthony second on an old-fashioned round bouquet.

On the best funeral bouquet, The Park Floral Co. received first prize on a bunch of chrysanthemums; Gallup Floral Co. second with a bunch of chrysanthemums.

For the best basket of chrysanthemums The Park Floral Co. were first with an arrangement of chrysanthemums and autumn leaves; John Berry second with a basket of pink mums and asparagus.

For the best basket of flowers, other than chrysanthemums, The Park Floral Co. first with a very pretty basket; Gallup Floral Co. second.

In the mantel decoration The Park Floral Co. were first; Colfax Avenue Floral Co. second.

In the table decorations The Colfax Avenue Floral Co. received first prize; Park Floral Co. second; Wm. Clark, of Colorado Springs, third. ROCKY.

MOUNT KISCO, N. Y.

The fifth annual flower show of the Bedford Flower Club and Westchester County Horticultural Society was held at the new opera house, at the above place, on Nov. 8th, 9th and 10th. The quantity of exhibits was scarcely up to that of previous shows, but the quality left nothing to be desired.

Mount Kisco is a pretty little town nestling among the hills of Westchester county, some thirty or forty miles from New York City; there are scarcely 2,000 inhabitants in and for many miles around the place, yet a few florists have growing establishments there, and there are some half dozen country estates where gardeners are employed. Nevertheless there are two horticultural societies and both the gentry and business people take a keen interest in the flower shows. Several handsome prizes are offered yearly by these two elements, but the general populace, which is scattered over a wide area, seem to need a stronger attraction than flowers. It seems a pity to us that a more general countrified show with a good sprinkling of amusement could not be gotten up.

The show this year was scarcely a success, but the promoters are not to blame; it was an off season anyhow, and other shows in more pretentious places were in the same predicament. Possibly the best lot of blooms seen anywhere in the East this year were shown at Mount Kisco. We append the varieties with actual measurements. A singer or two and an elocutionist were provided at the evening openings, but some novelties in the way of attractions seem absolutely necessary for the life of an annual country flower show. The people are more apt to patronize a circus; "still life," though eloquent, has not the active influence with people accustomed to it. An expensive catalogue was gotten up. Advs. were received for it by almost all in town; a little money was made from it. The proprietor of the hall very generously offered the hall free for the third day, and through the efforts of F. R. Pierson some fine exhibits were sent from the Tarrytown show to freshen things up for the last day. The judges were Geo. Hale, W. H. Harvey and John Lydiatt. Admission was 25 cents. The awards follow:

Cut Chrysanthemums.

Bailey prize, vase valued at $100 00, for best 24 blooms, not less than eight varieties. There were only three entries for this. The cup was won by Andrew Grierson, Rye, N. Y. He showed the following varieties: Swanley Giant, Mme. Deis (19 inches in circumference, by 7 in depth), T. Carrington (21½ inches in circumference, 6½ in depth), Australian Gold, a yellow seedling (19x6½ inches; this was a very fine, rich, golden flower), Mrs. Mease (23x6½ inches), Col. Appleton, Duke of Wellington, Nellie Prockett (20x7 inches), Mme. Carnot (22x6½ inches), H. J. Jones and Chatsworth. These blooms were the best seen at any of the shows. Wm. Duckham captured the second prize, his Souci was the richest yellow seen among mums this year and his H. J. Jones measured 26x6 inches. R. H. Scoville, of Hartford, won third prize.

Best collection of cut blooms, not over 75 nor less than 12 varieties, 1st, A. L. Marshall; 2nd, Geo. Barton. Six white, 1st, A. L. Marshall, with Robinson; 6 yellow, 1st, A. L. Marshall, with Bonnaffon. The same exhibitor won two firsts with Autumn Glory and Chito. The F. R. Pierson prize for 12 Col. Appletons was won by A. L. Marshall, and the second prize went to Geo. Barton. The Pierson prize for six Appletons was also won by A. L. Marshall. F. R. Pierson was awarded a special prize for display of blooms.

Vases of American Beauty and Liberty roses which were exhibited by P. M. Pierson and Wm. Turner, received certificates.

Carnations.

Twelve blooms, seedling, not disseminated, 1st, A. L. Marshall, with a very promising white. Best seedling carnation, 1st, H. A. Spavins, also a white; and 2nd, A. L. Marshall, with a crimson very similar to Roosevelt. Geo. Barton showed a very nice collection of carnations which were disqualified on some schedule technicality. Best 12 blooms, A. L. Marshall, with Maceo. F. R. Pierson Co. staged a choice lot of blooms which were given a certificate, as was also a vase of Gov. Roosevelt, sent by C. W. Ward, of Queens.

Best 50 violets, 1st, H. A. Spavins. Collection of canna blooms, A. L. Marshall 1st; in this lot were many new seedlings, especially fine ones being an orange shade named Howard F. Bailey, and a large crimson, 4-1900.

Plants.

Collection of decorative plants, 1st, H. A. Spavins. Specimen plant, 1st, A. L. Marshall. Two araucarias, H. A. Spavins. Collection of geraniums, 1st, A. L. Marshall; 2nd, W. Wills. Pair of adiantums, 1st, A. L. Marshall; 2nd, H. A. Spavins. Collection of Rex begonias, 1st, A. L. Marshall. Asparagus Sprengeri, 1st, H. A. Spavins. 25 single stem chrysanthemum plants, 1st, Geo. Barton. Collection of decorative plants, 1st, J. E. Gorham. Best rubber plant, 1st, Geo. E. Mollison. Specimen palm, 1st, W. R. Mason. Best six house plants, 1st, A. L. Marshall.

H. A. Spavins won a special award for "Bowron" carnation, a scarlet sort originated by him. STARS AND STRIPES.

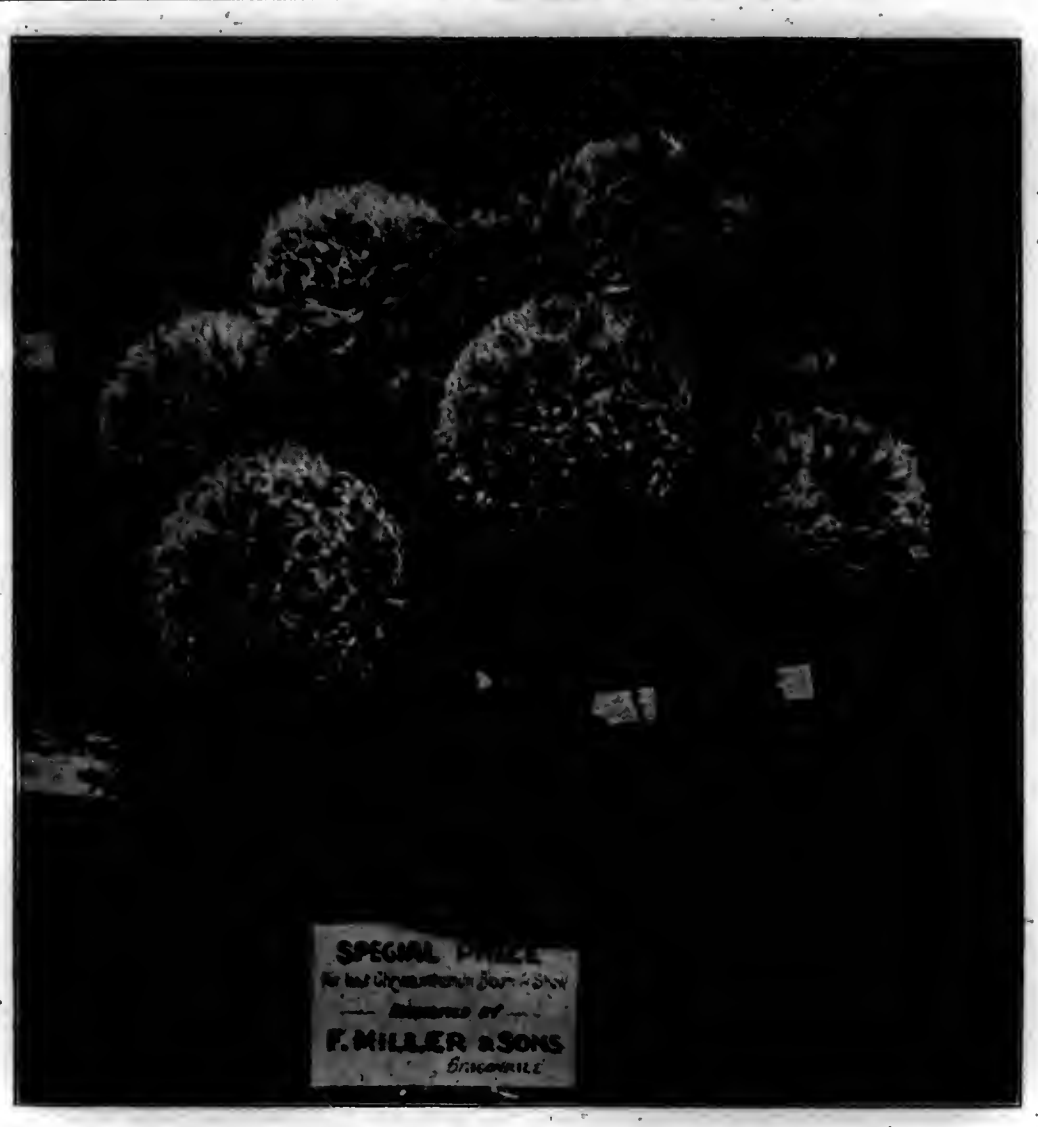
POUGHKEEPSIE, N. Y.

The sixth annual exhibition of the Dutchess County Horticultural Society was held in the Armory, Nov. 6th, 7th and 8th. We are informed that the show was a financial success. In the matter of exhibits it was scarcely up to former standards. Once upon a time Poughkeepsie was high water mark for chrysanthemums and violets. This year, on account of reasons prevailing in all sections, and for the further and greater one that all the Hudson river shows were on at the same time, and still a greater one that Messrs. Blair, Powell and Russell, men who have made national reputations as successful growers, have not exhibited this year (winning prizes was monotonous to them). There was not quite the magnificence of bloom we are accustomed to see on the benches here. We missed the Golden Weddings of Russell, the Morels of Blair, the Peter Kays of Powell; nevertheless it was a pretty show displayed to the best advantage by the manager, W. G. Saltford.

The show was open on election day and had a good patronage by giving the returns that night. The schedule was well arranged and more than paid for itself by advertisements. A good band of music was employed; admission was 25 cents. The Armory is a fine exhibition room. Poughkeepsie is on the banks of the Hudson, some 80 miles from New York City. It is a growing town of about 26,000 inhabitants, and the Dutchess County Horticultural Society has done splendid work there since it was organized nearly seven years ago. Since then, however, villages and towns all around Poughkeepsie have organized societies and shows of their own; this naturally makes it difficult for the Dutchess County men to keep up their standard. The officers of the society, assisted by a few amateur plant lovers, deserve great praise for all they have done; it seems a pity that one or two of the national societies cannot see their way to offer a trophy at a show like this. The power and importance of horticulture along the Hudson is duly recognized by business men, and they who have the furtherance of the art in view could well afford to come down from the cities and become acquainted with real workers.

Awards.

Chrysanthemum plant, group to occupy 100 square feet, fringe of ferns or foliage plants allowed, 1st, U. G. Agor. Mr. Agor's group of single stem mums was the best seen at any of the shows. They were fine. They were the only exhibit of chrysanthemum plants at this show.



Chrysanthemum Timothy Eaton, winner of the Chrysanthemum Society of America's Cup at Chicago.

Group of foliage plants, covering 100 square feet, 1st, Samuel Horn; 2nd, U. G. Agor; special prize, Louis Eisenlohr. All the groups were well arranged in the usual circular shape, but not quite so stiffly as those of other years. Mr. Horn's contained some very good Areca lutescens in the center, which added grace to the group. For specimen foliage plant, 1st prize went to U. G. Agor, for a choice phoenix; 6 decorative plants, 1st, S. Horn; 2nd, U. G. Agor. 6 ferns, distinct varieties, 1st, Louis Eisenlohr. Table of orchids, 1st, Thos. Emerson, with splendid round table of several hundred well grown Cattleya labiata, cypripediums and odontoglossums, all neatly staged in a bank of growing Farleyense. Sam Horn took second prize with a good table of Cattleya labiata and cuneatum. These two exhibits were one of the leading features of the show.

Table of decorative foliage plants, covering a space of 12x3½ feet, 1st, T. Emerson, with a choice lot of crotons, etc. Specimen Asparagus Sprengeri, 1st, W. G. Gomersall, with a splendid fern, 1st, W. G. Gomersall, with a splendid Davallia Mooreana; 2nd, W. G. Saltford, with very fine Adiantum cuneatum. Louis Eisenlohr won a special on an immense A. cuneatum. This was almost 4 feet through. Best arranged indoor box of plants, 1st, W. G. Saltford. Outdoor window box, 1st, W. G. Gomersall. A very fine table of cypripedium insigne and cuneatum was arranged by W. G. Saltford, for which a special award was given. F. R. Pierson Co. and others showed many choice plants and bay trees not for competition; they added much beauty to the show.

Cut chrysanthemums.—36 blooms, 6 varieties, 1st, Thomas Talbot, with Mrs. Peabody, Modesto, Minerva, Golden Wedding, Morel and Frank Hardy; 2nd, Samuel Horn. 12 white, 1st, Paul Gindra. 12 yellow, 1st, Paul Gindra, with G. Pullman. 12 pink, 1st, U. G. Agor, with Mrs. Perrin; 2nd, Paul Gindra. 12 any other color, 1st, U. G. Agor; 2nd, Sam Horn. 24 in 4 varieties, pink, white, yellow and crimson, 1st, U. G. Agor, with G. J. Warren, Silver Wedding, G. W. Childs and V. Morel; 2nd, Samuel Horn. Vase of 25 blooms arranged for effect, 1st, R. Griggs, with white flowers and Japan maples; 2nd, W. G. Gomersall, 24 in distinct varieties, 1st, W. G. Gomersall, with Chas. Davis, F. Pullman, Roslyn, Modesto, Bonnaffon, Dean Hole, Belle of Castlewood, Fee du Champsaur, Helen Wright, Golden Wedding, Minerva, Black Hawk, Appleton, Morel, Jerome Jones, T. L. Park, Iora, Mrs. Peabody, O. P. Bassett, R. D. Douglas, J. D. Warren, Pennsylvania, Mme. Ferlet, Mrs. McK. Twombly; 2nd, Louis Eisenlohr. 12 blooms, one of each, 1st, A. McKenzie, with Mons. Chenon de Leche, Mrs. Robinson, Autumn Glory, Mme. Hervey, T. Carrington, Mme. Carnot, Mrs. Mease, T. L. Park and Anita de la Agriculture Moville (the man who gave that name to a flower deserves a leather medal); 2nd, W. G. Gomersall. 24 blooms, yellow, in 4 varieties, 6 of each, 1st, Samuel Horn; 2nd, W. G. Gomersall. Best chrysanthemum in the show, 1st, U. G. Agor, with G. J. Warren.

Roses—20 blooms of American Beauty, 1st, Thos. Emerson; 2nd, Thos. Talbot. 12 Bridesmaids, 1st, I. L. Powell; 2nd, Thos. Talbot. 12 Brides, 1st, I. L. Powell; 2nd, W. G. Saltford. 12 any other variety, 1st, Thos. Emerson, with Morgans; 2nd, P. M. Pierson. Mr. Talbot sent a fine vase of Beauties not for competition.

Carnations—The C. W. Ward silver cup for collection of carnations, 6 varieties, not less than 25 nor more than 50 of each, 3 varieties originating at Cottage Gardens, was won by P. M. Pierson with New York, Maceo, Bradt, Crane, Mrs. J. Dean and White Cloud. 36 blooms, 3 varieties, 1st, P. M. Pierson; 2nd, W. G. Saltford. 36 blooms, 3 varieties, scarlet, white and pink, 1st, P. M. Pierson; 2nd, W. G. Saltford.

There was but one class competed for in violets and this was for the mayor's prize of $25.00 for 200 flowers. There were ten competitors; this made a table of 2,000 violets which could not be equaled in the country; it was very difficult to choose the winner as there were at least five on the same level; the final decision was given to C. F. Bahret, the other exhibitors being Sloan Bros., Stanton Rockefeller, Allen Traver, Pascal Trumper, Geo. Saltford, A. Palmer, J. W. Feeter, B. Willig and G. H. Bahret. There is too much of a commercial value put on the decision of judges on violets at Poughkeepsie. The prize was a good one, but smaller classes might have brought out a larger exhibit.

The Weathered prize, a fine carving set, for chrysanthemums on boards, was won by A. McKenzie. Dish of mushrooms, 1st, Mr. Miller; the finest lot of mushrooms seen at any of the shows was sent by Thos. Talbot not for competition. The collection of vegetable prize was won by W. Gomersall. Benj. Hammond prize for apples went to R. Griggs; the same exhibitor won in class for pears.

Clarence Reynolds, Poughkeepsie's most enthusiastic amateur grower, exhibited some remarkably well grown outdoor chrysanthemums; they were the best we ever saw grown outdoors in this section. Mr. Reynolds saves his old plants and grows them in his garden with splendid results; he captured all the prizes in amateur classes. J. N. May's Yanariva was certificated. Vassar Hospital, Wm. Millbank, gardener, showed a very interesting collection of pompon mums.

There was but one competition for table decoration and the prizes were captured by R. Griggs. When we saw the table it had Bridesmaids roses and cardinal candles and shades. Richard's excuse for the crime was that the right colors could not be got in Poughkeepsie. We haven't got over the shock yet. For chrysanthemum centerpiece for table, W. G. Gomersall won by a low round basket

of Silver Wedding, davallia leaves and Ampelopsis Veitchii. W. G. Saltford showed a pretty basket of yellow mums and cuneatum. A very interesting exhibit was a box of growing Oxalis Acetosella, originally imported from Down Patriek, Ireland. It was labeled "The True Shamrock." The name of the exhibitor was not visible.

HY-BRASILITE.

COLD SPRING, N. Y.

The second annual flower show of the Putnam County Horticultural Society was held at the Town Hall, Cold Spring-on-the-Hudson, Nov. 8 and 9. The exhibition was a success in every way and reflects much credit on all concerned. The population for a radius of several miles around this village amounts to about 3,500, but they are live people. The Horticultural Society embraces every person of consequence in the locality, and the shows they have given were far superior to many we have seen in larger places.

The hall was too small for the proper displaying of all the exhibits sent; fruits and vegetables were on free exhibition in a second room; 25 cents admission was charged to the main hall, a fine orchestra dispensed music and the flowers were auctioned off at close of show for the prize fund of the society. John A. Connolly, who is secretary of the society, was an efficient manager of the show. The judges were F. R. Pierson, Geo. Saltford, U. G. Agar and Louis Wood.

The principal prize, a beautiful silver punch bowl, offered by the president of the society, who is also president of the Metropolitan Street Railroad, H. H. Vreeland, for 36 chrysanthemum flowers, 6 varieties, 6 of each, was won by Wm. Turner, gardener to Wm. Rockefeller, at Tarrytown. Mr. Turner's blooms were grand; the varieties were Bonnaffon, Jerome Jones, Robinson, Weeks, Peter Kay and Egan. "Certificate of Merit" and "Highly Commended" awards were given in the same class to W. G. Gomersall and W. J. Buckley. The Fitzgerald prize for 12 chrysanthemum blooms in 12 varieties, 1st went to Walter Haynes, 2nd, James Cassidy. For 12 blooms, white, 1st, Wm. Turner, with a mixed lot of Niveus, Weeks and Peabody; for 12 blooms yellow, 1st, Wm. Turner, with 12 Bonnaffons, which were the best blooms at the show; 2nd, Jas. Cassidy; 3rd, Leander Hustis; 12 blooms pink, 1st, Walter Gomersall, with Roslyn; 2nd, Jas. Cassidy; 12 crimson, 1st, Richard Griggs, with G. W. Childs; 12 any other color, 1st, W. G. Gomersall, with Chas. Davis; 6 blooms white, 1st, Walter Haynes, with Pullman; 2nd, R. Griggs; 6 yellow, 1st, Walter Haynes; 2nd, James Cassidy; 6 pink, 1st, Walter Haynes, with Morel; 2nd, Leander Hustis; 6 crimson, Richard Griggs, with Childs; 2nd, Jas. Cassidy; 6 any other color, 1st, R. Griggs; 2nd, E. Howe; 25 blooms arranged for effect, 1st, Richard Griggs, with mixed whites and Japanese maple; 2nd, W. J. Buckley; 24 blooms on boards, 1st, R. Griggs, with Robinson, Appleton, Morel, Ethel Anderson, Mrs. W. Massic, Mme. C. White, Childs, Meteor, Modesto, H. Hurrell, G. J. Warren and Iora; 12 blooms of Col. D. Appletons, 1st, W. J. Buckley; these flowers were superb.

In cut roses W. J. Buckley was first on Brides, Maids and Liberties; R. Griggs on Perles and any variety.

In cut carnations R. Griggs was first for 12 searlet; John M. Lowry for 12 white (with Capt. H. Metcalfe); W. J. Buckley for 12 pink; Wm. Turner for 36 in three varieties, with White Cloud, Gomez and Crane.

In plants R. Griggs was first on group of chrysanthemums, specimen plant, group of decorative foliage plants, specimen Asparagus Sprengeri, specimen Cypripedium insigne. S. Cunningham was first for 3 single stem mums. Wm. Dyos took firsts for 6 foliage plants, 6 ferns, 6 poinsettias (an effective exhibit, the flowers being very large and on stems 6 to 8 feet in height). James Cassidy won firsts for 6 mums, with 6 blooms to a pot, and 12 novelties grown to single stem. W. J. Buckley for specimen fern. Leander Hustis for specimen foliage plant, with a fine piece of Corypha australis.

For best chrysanthemum bloom, any variety, to be grown in pot, not to exceed eight inches, a prize of $10.00 was offered. There were only two entries and the prize was captured by W. J. Buckley with a plant of Col. D. Appleton; 2nd went to Walter Haynes.

Certificates were awarded to E. Howe for pompon mum plant; to John C. Galvin for well grown Kaiserins; Wm. Dyos, for Boston fern; E. Howe, for plants of Begonia Vernon. Classes in fruits and vegetables were sparsely entered for. Amateurs exhibited some very creditable plants and flowers. Lawson carnation won first in its class and showed up finely.

Most of the classes were restricted to the private gardeners of Putnam County only; but for that there would have been keener competition. Good prizes were offered and at the time of our visit all looked pleasant. A few names may seem monotonous, but when only the few seem to have the courage they deserve all they get. Have a few more classes open to all, boys, and here's to ye—with

COLD SPRING WATER.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

Following are the reports of the committees judging seedlings and sports:

CINCINNATI, Nov. 10.—John N. May, Summit, N. J., exhibited Yanariva, a flesh pink, Japanese reflexed variety, which scored 86 points commercial scale. The foliage of this variety was its weakest point.

H. W. Rieman, Indianapolis, Ind., exhibited Nellie, a creamy white, Japanese incurved, which scored 87 points commercial scale.

Theo. Bock, Hamilton, O., exhibited Arab, a bronze Japanese variety, scoring 79 points commercial scale.

John N. May exhibited Mirabeau, a yellow Japanese incurved, which scored 80 points commercial scale.

BOSTON, Nov. 10.—Yanariva, shown by John N. May, scored commercial and exhibition scales 93 points. Mirabeau, by same exhibitor, scored 67 points commercial scale.

NEW YORK, Nov. 10.—John Marshall, Purchase, N. Y., exhibited No. 6 magenta pink, incurved Japanese, scoring commercial scale 71 points.

John N. May exhibited No. 345, white, Japanese reflexed, which scored commercial scale 64 points.

John B. Rady, Elmira, N. Y., exhibited Mrs. J. S. Fassett, light yellow, Japanese, which scored 59 points commercial scale.

Yanariva, exhibited by John N. May, scored 77 points commercial scale.

The chrysanthemum exhibited by John Cook, Baltimore, Md., on Nov. 3rd, at Philadelphia, has been named Joseph W. Cook.

The "terra cotta red" exhibited by John N. May at New York on Nov. 3rd is named Brutus, and that of the "very light pink," Yanariva.

Exhibitors should in all cases mail to the secretary, legibly written, the name of the variety which they have sent for examination to the committee in ample time, so that same may be correctly spelled when reported to the horticultural press.

PHILADELPHIA, Nov. 10.—Wm. Paul Binder, Rider, Md., exhibited Lillian, creamy white, reflexed Japanese, which scored 80 points commercial scale, 74 points exhibition scale.

George O. Brown, by same exhibitor, a very dark rose, reflexed Japanese, scored 77 points commercial scale, 79 points exhibition scale.

Yanariva, exhibited by John N. May, scored 86 points commercial scale, 85 points exhibition scale.

EDWIN LONSDALE, Secretary.

Wyndmoor, near Philadelphia, Pa.

[Nov. 17 and 24 are the remaining dates on which seedlings can be shown before the several committees.]

AWAY FROM HOME.

Philadelphia.

Messrs. Robt. Craig & Son's well known place is always interesting and I found it cram full of fine stuff. A great big house was full of Boston ferns, another contained a grand lot of very bushy branched rubbers and palms of all kinds. They grew their cyclamens with more light and air this year and the plants look very promising. I noticed a fine batch of Dracaena Lord Wolsley. This is considered the best commercial dracaena of the lot. Begonia Lady Annesley pleased me very much.

Here is where you see Gloire de Lorraine begonia grown simply to perfection. I saw it at other places in pretty good shape but not equal to the house of plants to be seen here. This beautiful plant commanded an extravagant price last winter and will be still very profitable this season for those who have good plants, for you see very few that are

good. When you get them in a 6-inch pot, 18 inches high and 2 feet through, with foliage as green and thrifty as a maple in June, what more can be desired, and of such plants there are hundreds, and thousands slightly smaller.

Mr. Robert Craig put on his overcoat and marched for the train that was to start for Edgely, the home of the Queen of Edgely. If you are ever going to start by train with Mr. Craig be sure to get inside the train as soon as possible. Don't begin any interesting topic before you get aboard, or the train will start without you, as it did on this occasion and has before and will again. Deep thinkers think that the train should wait till the recital is done, but most railroads start their trains on schedule time, regardless of any horticultural reminiscences.



Grafted Chrysanthemum, exhibited by J. C. Vaughan at the Chicago Show.

Mr. Furstenberg has a large establishment and The Queen is by no means all there is to be seen at Edgely. There are Maids and Brides and Golden Gates, and Meteors in large numbers; also Liberty, and some very large houses of Beauty, of which, as is well known, the Queen is a sport. Some of the houses are very large and as light as it is possible to make them. They are 100 feet long and 60 or 70 feet wide. The gutters are supported on iron columns and there are no partitions. It is more like looking on a field of roses than a house of them. The Beauty houses are magnificent, some 30 feet wide, equal span, and I noticed that the north bench was just as good as the south. The whole place looked most flourishing and this is due largely to the energy and skill of Mr. Harry Simpson, the superintendent.

Now, about the Queen of Edgely, which we saw growing. It has the vigor and qualities of the Beauty except color, which to me was that of a deep colored La France. While I think that the great popularity of the Beauty is largely due to its rich warm color and fragrance, yet the Queen of Edgely should be grown by all who are successful with American Beauty.

It was very fortunate for me that Mr. Harry Pennock owned an automobile or locomobile. Whatever it was it was a neat little affair which we mounted at Lansdowne and in which we were told to "set back and take it comfortable." When you are going down hill at the rate of 40 miles an hour you can set back, but your heart beats a little fast. Through the agency of this little engine I saw 30 miles of territory to the north, east and northwest of Philadelphia which it would have been impossible to see in the same time with any other conveyance except perhaps a balloon, and we are a few years past that.

All coons and Cohens and towns look alike, but when it comes to suburbs there is a great difference. Western cities peter out into prairie or stubble field, and some of our eastern cities into shanties and goose commons. Now, my friends, if you have not seen the suburbs of Philadelphia you have not seen the most beautiful part of North America. They have had time; 200 years, more or less, and for miles and miles you ride up and down beautiful roads with the homes of the wealthy in park-like retreats on every side. There are stately trees and groups of shrubs, but all much diversified. It is charming. We will all have these beautiful country places bye and bye, but it takes time.

Young Mr. Pennock neither smokes nor drinks, nor stops out late nights, so his nerves are steady and we met with no accidents till the brake broke, and fortunately we landed in a group of shrubbery in the very interesting nursery of Thomas Meehan & Sons. We saw the venerable Mr. Meehan, and a very interesting gentleman he is. We were glad to meet him. A great variety of trees and shrubs and herbaceous plants is to be found here, and trees going to many distant parts of the country were already dug.

South Orange, N. J.

It is always best to stop at good hotels. You are not on earth very long and you may as well have the best, but you can't get the best in Jersey City. A log shanty in the backwoods of Canada with fat pork as a diet is better and cleaner than any Jersey City hotel, and it was a great relief to see the tall figure of W. A. Manda in his nursery. You might almost call his place a botanical garden, such a great variety of plants and shrubs he has. In the short time this place has been established he has collected together a wonderfully varied stock.

Mr. Manda still retains his love of hybridizing, as may be seen by many new dracaenas, anthuriums and begonias. There is any number of interesting and uncommon plants to be seen at this place, and with the vigor and enthusiasm that possesses the proprietor this will some day be a great and celebrated collection.

Flatbush, N. Y.

From the botanical we skipped over to the condensed but lucrative establishment of the well known Dailledouze Bros. They are brothers, too, indeed. They work together as brothers should but often do not. Their fine place is often written about, but the description is never overdone. Here is carnations growing down to a science. They don't say: "We were late in this," or "We should have tied them up sooner." It is done and so well and promptly done that it is hard to believe that it can be improved on.

What I consider the ideal carnation house is to be seen here, several of them, as well as many houses that are of older style. It is 29 feet wide inside of posts, has five paths, and four benches of 5 feet each. A path against either wall and the heat well distributed on the side walls and beneath the benches. Of course this house is equal span. Being an iron roof, with the small bar, and 16x24 glass, it is a crystal palace. If you can't grow carnations and roses in this house you must look to some other cause for the reason. One of the handsomest of the houses contained the old Scott, a sheet of bloom and buds. But early in October is too early to see carnations at their best.

Flora Hill is grand and is preferred to

White Cloud. They shrug their shoulders slightly when looking at their Lawsons and shrug them a little more when they mention the Marquis, but I beg to prophesy that they will be well pleased with both a little later. They smile when looking at Crocker. It will do. Crane is magnificent and so is Gomez and Maceo. The former they think is a great carnation for profit. Their blush pink is a beauty. Many did not buy Genevieve Lord last year and in that they missed it. It has proved at Flatbush a most wonderfully good grower, loaded with buds, in fact as free as Scott.

They don't smile—the brothers just stand calmly embalmed in a halo of satisfied bliss when near Prosperity (the famous No. 666). It is a grand carnation in every way you look at it. In habit, stem, flower, size and health it is a beauty, and all will grow Prosperity. I don't quite like the name. It has four syllables, but it is much better than a personal name. These gentlemen also grow chrysanthemums, just as they should be grown, and get the best price for first-class flowers. They say Trainor L. Park is the best mid-season yellow. Walter Molatsch is an early Lincoln. And for the comfort of those old-fashioned people who still grow Lincoln and Maud Dean, I will say they find them indispensable.

WM. SCOTT.

HARDY FLOWERS FOR FLORISTS' USE.

BY C. C. SANDERS.

[Read before the St. Louis Florists' Club].

In the endeavor to prepare a paper on above subject I will have to admit my inability to do the subject justice, as it must necessarily take me onto a field in which I have had very little experience, viz., among herbaceous and perennial plants. It has not been my fortune to have been among a right good collection, and to my mind they have always been associated with a weedy border of plants, and when you wanted some of them you were unable to find them, or if you did find something you were not certain it was what you wanted.

This, of course, only exposes my ignorance in the matter and does not signify but what there can be, and, no doubt, are many desirable things among them. There are many extensive collections offered by the different floral firms, which is evidence that they are in demand or they would not be grown; and any thing that the florist can handle and make something at must be a useful article either as a cut flower or plant.

Out of the many varieties now in cultivation I will mention a few that I know to be good, although from my observations the staple cut flowers outsell them. A majority of the people still stick to roses, carnations, etc. Probably the most useful among the hardy flowers is the paeonia, that is, I think the most money changes hands on its account, the cultivation of which consists of placing a piece of root with one eye in the ground; good soil and sunshine will do the rest. Locally the paeonia is simply a paeonia, a flower that comes, lasts awhile and goes. No special attention is paid it, and we have seen the few produced around here overstock the market. East and North of here, however, it is different. Large fields, acres in extent, are devoted to its culture. They are cut in the bud, papered up to prevent opening, and kept in cold storage and very highly prized as a commercial flower and used by the tens of thousands. They are especially valuable where decoration trade amounts to something, as their season is always near that time.

We think probably the Lilium candidum should be placed next on the list. It is a most beautiful and fragrant flower, though our experience with it of late has not been very satisfactory, as it seems to be diseased. Our last planting only came up good the first season, the few that came up later were deformed and with no substance, and that was the last of them. In years gone by we remember them as something that could be depended upon for a good crop of flowers.

The poet's narcissus is a sweet little flower that peeps early in the spring about the time we are tired of roses, carnations, etc. Its very stiff stems are rather against it, for try as you will you cannot get it to look graceful. A little patch of it should be grown, for if space is limited other things could be planted between the rows when they are through flowering.

Helianthus and Rudbeckia are very useful and productive, with golden-yellow flowers in midsummer, when that color is scarce, and nothing can beat the Rudbeckia in the garden, especially the Golden Glow. It multiplies very fast both by spreading and self-sown seeds. Once started you are not likely to run out of it. Think it will supersede the helianthus which with us has a way of dying off soon after it has been planted out, which we do not understand. For the past two seasons we have lost nearly all we planted out, including those sold, and their going back is certainly against them.

The new Japan iris with their gorgeous orchid-like flowers are of considerable value, and often called for as plants, and some are used as cut flowers, and when the ease of cultivation and propagation is considered they are well worth carrying in stock. For a grand garden flower the perennial phlox cannot be beat, there is an almost endless number of varieties, of all shades, and they make a splendid show during midsummer. Unfortunately they are of little value as a cut flower unless for immediate use, as they will not keep long after being cut. Old plants taken up and started the latter part of the winter are easily propagated from cuttings and will bloom the first season.

Hollyhocks in past days were highly esteemed, but in these days of long-stemmed flowers they are of little value when cut except in design work, and then they are rather stiff looking. Their chief beauty is in the garden. Among the several kinds of Funkia or day lily, the alba is the most valuable for cutting, or indeed for any purpose. It is exceedingly handsome and can be used to good advantage in any work. The balance of them are good reliable garden plants requiring no attention, and increase by spreading into large clumps. The old lemon lily has lots of friends and it is deserving of them, for with its bright color and delicate perfume it is well worthy of a place in every collection. Once started it takes care of itself.

The Achilleas, especially the Pearl, is a very useful thing to grow, good for summer cut flowers. By judiciously cutting them back the flowering season can be prolonged and a succession of crops obtained. For dainty beauty the gypsophila stands high. Its grace is its chief characteristic, as the individual flower is not very striking, it is quite hard to work up a stock of this as it is rather delicate in its growth.

The old perennial pea is a very nice thing to grow. It is lasting and effective in any work. The Clematis paniculata will answer a double purpose, that of beautifying the home of the florist and of furnishing a dainty and valuable cut flower for many kinds of work. It is particularly adapted for sprays. It is very hardy and blooms in great profusion in our hottest month, August. Every florist should have it. Same can be said of a native variety commonly called Travelers Joy and in former years I remember making good use of it.

Delphineum (larkspur) and aquilegia (columbine) are both necessary for every complete border, and may come in handy for cut use at almost any time, as there are many people who delight in the old garden flowers when obtainable.

The platycodons are a very hardy and free flowering border plant, but of little value as a cut flower, being of an undecided color and of no special beauty, and a flower must have beauty or fragrance these days to be of use as a cut flower. Anemones have always ranked high in this class of flowers and very deservedly so as they are certainly among the best of fall blooming hardy plants. The Japonica alba is one of the best, though the new ones are said to be of great merit.

We have a very partial feeling toward the old garden pink. They are not as plentiful as in former years, that is, the old clove-scented kind our mothers used to have, being driven out by the newer kinds, that have names, and are supposed to be better and finer, but according to my way of thinking not nearly as good. You will often have calls for this old favorite, and we are sure a little bed of them will pay you.

A comparatively new thing in a blue fall blooming plant is the Careopteris mastacanthus. This we have found will produce a very fine lot of flowers in September, about the color of the ageratum. It lasts well and might be useful as a cut flower in its particular shade. Certain it is that it is a good border plant and will, no doubt, be popular when better known; it is sometimes called the blue spiraea.

The Anthemis tinctoria is another excellent thing in a hardy yellow. It looks about like the yellow marguerite, but it

continues in full bloom all the summer, and is of a nice habit in growth. One of the objections against many of the hardy plants is that they grow onto such big loppy things before the summer is half over and take up too much room for a border. Strong growers are best planted among shrubs; they liven them up during the period when they are mostly out of bloom and they do better in that situation.

BUFFALO.

All hands report business as very fair. There is an ample supply of flowers. A good many chrysanthemums are sent in, but homegrown stock beats them. Carnations are getting more plentiful. Violets are precarious both in supply and demand. Thanksgiving is really the beginning of the good violet trade. Palmer & Son are showing some fine Liberty. Their cut of all the other leading roses is very fine.

Mr. C. F. Christenson has his fine new place all complete and is cutting a lot of remarkably fine carnations, mostly Bradt, Crane, White Cloud and The Marquis. Chris is in great trouble: "My dear boy, I don't know what to do; that d——d water is killing everything." Chris drilled a well some 40 feet and struck a stream that turned out in volume a second Niagara, but when examined by the city chemist is said to contain lime, salt, gypsum and other things injurious to plant life in excessive quantities. It will corrode the pipes in his heating system and also the pipes in his horse. It is not fit for beast or man, but the latter is not likely to take much undiluted. I am glad to say that although it truly leaves a white, scaly covering on some of the foliage, yet it can't be deleterious for everything, for his carnations and roses grow and are growing grandly. Mr. Christenson is now building large cisterns under his benches and saving the water from the roofs, and we sincerely hope he will get over all his trouble and be very prosperous, as a good gardener deserves.

We have had several visitors, but your correspondent has missed some of them. Mr. Dimmock, of England, was here, and so was Mr. J. E. Dalgleish, of Washington. Mr. Lloyd Vaughan dropped in yesterday on his road to Chicago.

I visited Toronto last week. Their show, both of plants and flowers, was good, but they struck a bad time for weather and that, with the homecoming of Canadian soldiers from the Transvaal and the parliamentary election, the people were too excited to attend such a peaceful gathering as a flower show. The roses were most excellent, of all kinds, but not any better in their class than were the carnations; they were the best I have seen anywhere this fall.

There is one variety that was the gem of the lot and which all must grow; it is Morning Glory. It will surely displace Daybreak, or any of its class, for the color is as good and it is three times as large and a beauty to grow.

I took the time to run up to Braeondale and see 2,000 blooms of the immense white chrysanthemum Timothy Eaton. I passed my opinion on this wonderful flower last year. I hope Miller & Sons will exhibit it at every show. Mr. Miller some three or four years ago raised several carnations and named them after Canadian ladies of title—Lady Minto, Lady Van Horn and Lady Laurier. Now I saw these growing by the thousand, not a few flowers at a show, and I cannot pay them any greater compliment than to say that Mr. Miller need not buy any of the new varieties in their colors. Lady Laurier is a fine pink, and I could see that it was just as free as Scott. Van Horn is just as free but darker. When you get a good thing don't push it along always, but stick to it.

I was sorry my trip to St. Louis was so hurried. I would like to have shown Brother Beneke how to make strikes, but I only had the Sunday there and you know how strictly they keep the Sabbath in that great city just across the Mississippi. Through the kindness of Mr. Tesson I saw much of the residence portion of the city as well as his fine range of glass. I greatly enjoyed meeting so many of the craft at the Shaw banquet.

I wish Buffalo had had a Mr. Shaw. The Botanic Garden is a great boon to the city at large and to the gardening fraternity especially. I was glad to see our Buffalo boy, Mr. George McClure, have an important charge in the garden and filling it so capably. W. S.

CHICAGO.

The Market.

Winter weather has at last arrived and the lower temperature, coupled with dark days, has reduced the supply, especially of roses, the cut of which has been reduced at least 50 percent. But even with this big reduction in supply there was plenty to meet all demands up to Wednesday of this week, when a shortage began to be noticeable in roses, on which prices have stiffened some. In fact, prices are a trifle firmer all around except on mums, which still drag at prices much lower than those of last year.

The brisk demand usually noticeable at this season has not yet materialized, though it may begin any day now that the election excitement is over and the long open fall has been terminated by the arrival of real winter weather.

There is considerable guessing as to the supply for Thanksgiving Day trade. Some look for a shortage at that time, but others think demands will be fairly well met. There is no denying, though, that the warm weather this fall has drawn heavily upon the resources of the plants, and that they will be inclined to rest if present weather conditions continue.

Annual Banquet.

The annual banquet of the Florists' Club was held in the Egyptian banquet hall of the Auditorium Hotel Thursday evening of last week. About 80 sat down to the table, which was in the form of an oblong, with the diners seated at the outer side only. On the inside the table cloth reached to the floor, and along it at intervals of three or four feet were pinned long-stemmed chrysanthemums with the flowers extending a few inches above the surface of the table. The effect was excellent. Inside of the square (or oblong) formed by the tables the carpet was covered with white cloth, over which sprays of asparagus had been scattered, and in the center was a huge silver bowl filled with specimen chrysanthemums. At the center of each table at the ends of the oblong were placed tall trumpet vases of mums and at the centers of the tables at the sides were low mounds of the same flower, these being arranged on the edge of the table toward the hollow square. Other flowers and foliage were used on the cloth.

The decoration was most creditable to Messrs. P. J. Hauswirth and John Gormley, who arranged it, the flowers being contributed by Messrs. W. N. Rudd and E. Buettner, and the plants by tne Geo. Wittbold Co., and Walter Retzer & Co. The boutonnieres were Enquirer carnations, kindly sent by Mr. R. Witterstaetter, Cincinnati, for the purpose.

The dinner was first-class, sustaining the well known reputation of the Auditorium Hotel, and with the coming of the coffee and cigars President McAdams introduced Mr. J. C. Vaughan as toastmaster.

President-elect O'Mara, of the S. A. F., was first called upon to respond for the national society. He spoke of its inception and growth and the many practical benefits that had resulted, mentioning especially the Hail Insurance Society, reduced postage rates and special express rates, and the trade press. He was followed by Mr. J. N. May, who, in speaking of the interdependence of those in the trade, one upon the other, brought down the house by his statement that, "The wholesale man lives upon the grower to the fullest extent."

Mr. E. G. Hill spoke of the "Unlocked Door," meaning the giving to all brother craftsmen of the information gained by experience as contrasted with the secretiveness of the early days. He felt that a great work was being done in educating the people into attending the flower shows and that its great value to the trade could hardly be estimated. Mr. John Thorpe, once known as John Chrysanthemum in the early days because of his advocacy of the mum, said that his prophesies had been nearly realized and felt that the extreme would yet be reached.

Brief responses were also made by W. N. Rudd, G. A. Rackham, G. L. Grant, J. J. Hess, J. C. Rennison, C. C. Pollworth, Wm. Edelfsen, P. J. Hauswirth, John Reardon, Geo. Woodward, E. Buettner, M. Heller, E. F. Winterson, C. M. Dickinson, Geo. A. Kuhl, G. F. Crabb, Edgar Sanders and Harry Balsley.

The speeches were interspersed by songs by the club quartette, composed of Messrs. C. W. McKellar, E. F. Winterson, E. H. Kissell and Chas. Balluff. They gave the company some warm ones and responded to frequent recalls. Chas. Balluff also favored the company with a recitation in Italian dialect describing the

hatchet incident in the life of "George A. Wash'," who it seems was "A great bik man, with a hand like a bunch of banan'." Mr. A. C. Kohlbrand read a letter from Fritz Blumenschneider, on flower shows and other things, which appears elsewhere in this issue.

The proceedings closed by all joining hands and singing Auld Lang Syne, led by the quartette. All present voted it an event long to be remembered.

Visitors.

In addition to those noted last week the following were visitors during show week: John Bertermann, Indianapolis; E. G. Hill and J. A. Evans, Richmond, Ind.; F. Dorner, Jr., Lafayette, Ind.; F. Burki, Pittsburg, Pa.; W. E. Kemble, Oskaloosa, Ia.; John Young, St. Louis; J. E. Killen, New York; E. H. Giesy, Lockland, O.; Fred. Heinl, Terre Haute, Ind.; G. A. Rackham and H. Balsley, Detroit; A. C. Brown, Springfield, Ill.; J. J. Hess, Omaha; Meyer Heller, New Castle, Ind.; G. F. Crabb, Grand Rapids, Mich.; Geo. A. Kuhl, Pekin, Ill.; C. C. Pollworth, N. Zweifel, W. Edelfsen, A. Klokner, M. Reitz, W. A. Kennedy, H. Hunkel, F. Holton, Miss Freytag, Milwaukee; F. Miller, Bracondale, Ont.

Various Items.

McKellar & Winterson are beginning to make up green wreathing and expect to have a big stock. This firm, by the way, does just a little bit in sphagnum moss, and anyone who thinks that they can't supply one or two hundred bales at one or two hours' notice has only to place the order and get the goods, as was demonstrated recently.

Kennicott Bros. Co. find an increasing demand for their mahonia leaves, which work into designs and bunches with fine effect. They are a very acceptable addition to the available foliage, and the leaves last remarkably well.

H. S. Harman, representing E. H. Hunt, has returned home from a trip through Michigan, Indiana and Ohio, and reports the trade generally prosperous and sanguine of a good season's business, though fall sales have not been quite up to expectations.

On Thursday during show week a large party of visitors made a pilgrimage to Hinsdale under the guidance of Mr. Washburn to view the contents of the great establishment of Bassett & Washburn. They all expressed much gratification at the treat afforded and were loud in their praises of the condition of the stock. The huge carnation houses proved especially interesting.

The regular meeting of the Florists' Club will be held at the usual place tomorrow (Friday) evening.

The proceeds of the flower booth at the exhibition were $260.20. This added to the sum previously raised from other sources makes a total of $555.10 as Chicago's contribution toward the relief of the Galveston florists.

E. C. Amling sets back in his chair and says business isn't what it ought to be at the season but that he hasn't any kick coming.

Wietor Bros. say their crops will be about right for Thanksgiving Day unless some unforeseen accident occurs.

Budlong is cutting some fine Maids and Brides just now. John Zeck and M. Olson make a strong team in the selling department.

Bowling.

The bowlers played another series of games in the Anson League last Monday night and won all three from the Lawler team. Their standing in the League is now 6 won and 3 lost, which gives them a place well to the front. The score of Monday night's games follow:

C. Balluff	156	157	136
G. Stollery	175	195	157
F. Stollery	213	134	183
J. Degnan	137	194	127
E. Winterson	138	153	166
Total	819	833	769

ST. LOUIS.

Club Meeting.

The November meeting of the florist club was not well attended.

The chrysanthemum show committee reported everything in readiness and that at present the prospects are good for a successful show.

A letter was read from the Galveston florists thanking the brothers for the cash subscription.

A vote of thanks was extended the New York Florists' Club for the handsome souvenir sent the club.

Three new members were elected to membership, Theo. Miller, Chris. S. Eichhorn and Phil Goebel, and application for membership was made by Henry Johan, of Collinsville, Ill.

F. W. Ude, Jr., of Kirkwood, had a few pink seedling carnations on exhibition and Dr. Halstedt had a large white bloom of a sport from Bradt. Both exhibits were favorably commented upon.

Mr. C. C. Sanders read his essay on "Hardy Flowers for Florists' Use." The essay was well received by members and appears elsewhere in this issue of the Review. Mr. H. G. Ude was not present to read his essay and will be asked to do so at the December meeting. Dr. Halstedt and F. W. Ude, Jr., are expected to furnish able ones on carnations. Walter Mott, of Philadelphia, was a visitor at the meeting and was called upon for a few remarks. The meeting then adjourned until Thursday, December 13th. A full report of the show committee is expected at this meeting.

At this writing the committee is busy decorating the hall in which the show is to be held. As the show will not open until Wednesday morning, it will be too late to give our readers any news regarding it until the next issue, in which a full report of the show will be given.

The Market.

Very little, if any, improvement was noticeable in business the past week. There seems to be plenty of stock in all lines, especially chrysanthemums and carnations, but the surplus which was so noticeable a few weks ago is now reduced considerably and prices remain about the same.

Chrysanthemums run about the same as usual and ordinary varieties in different colors average from $2 to $6 per 100; the larger ones, such as Bonnaffon, Mayflower, Ivory, Mme. Perrin, Sunderbrueh and others bring $1 per dozen.

Roses were better the past week and better prices were realized, the best quality being well bought up. The regular standard varieties sell today for from $3 to $5 per 100. Beauties are in good demand and are selling for from $8 to $20 per 100.

Carnations are selling quite well, though handicapped by increased quantity of mums. Some very fair flowers are sold at $1 per 100; extra grades bring $1.50 and $2.

Violets are improving in quality but are not moving fast; 25 and 35 cents is asked for good Californias.

Chrysanthemum plants, palms, begonias and marguerites are selling well.

Notes.

E. H. Michel leaves Saturday night for Waco, Texas, to act as judge at the annual chrysanthemum show at that place.

Mr. Joseph F. Dickman, our leading seedsman, was elected sheriff of St. Louis County on the democratic ticket. Joe ran ahead of his ticket, showing his record to be clean, and we will have the best sheriff St. Louis has ever had. The florists all rejoice in his election.

Frank M. Ellis has left the employ of Henry Berning and will open a wholesale establishment next week. Frank has had a great deal of experience, is very popular with the local and outside trade and will no doubt do well, as he will receive his share of the local patronage. This will make three wholesale houses in St. Louis and surely there is business enough for all.

J. W. Kunz is now with Henry Berning, taking the place resigned by Frank M. Ellis.

Arnold Ringier, of W. W. Barnard & Co., Chicago, is in town visiting the trade.

NEW YORK.

Two flower shows will be held in this city this week—one at the Eden Musee, opening on Thursday under the direction of John Condon, of Brooklyn, and one at the Berkeley Lyceum, by the American Institute, J. W. Withers manager.

The meeting of the Florists' Club last night was rather sparsely attended considering nomination of officers was to take place. No doubt the majority of the members were somewhat tired out after the local flower show. President O'Mara presided. The committee in charge of the appreciative resolution for ex-President Plumb submitted a draft of their address; it was ordered suitably engrossed and steps taken to send it to Mr. Plumb.

The plan and scope committee, having in charge the organizing of a grand flower show in New York next year reported progress through Mr. Sheridan. The president urged a discussion of the

matter, but inasmuch as the subcommittee could report nothing definite in regard to Madison Square Garden the matter was left over till next meeting.

W. I. Brower exhibited a collection of silk pockets for bouquet handles; they were made of Liberty silk and are intended to take the place of the kid finger; also to put on violets instead of the unsightly tinfoil. The club awarded them a certificate of merit.

Convention financial matters were reported on, and it was stated that when all the moneys have been received and expenses paid the guarantee fund will still remain intact; this is most gratifying after the immense work done.

The nomination of officers then followed and ballots were cast for almost all present. Mr. O'Mara positively declined to take office again, as did Samuel Henshaw in turn; Walter Sheridan and Frank Traendly were the final nominees for president. Messrs. Herrington and Morris declined the vice presidency, and Messrs. Julius Lang, Charles Weeber and Alex. Wallace are slated for that office. Chas. Weathered and A. L. Burns were nominated for the treasurership, and John Young for secretary. Trustees for two years, Chas. Hewitt, F. Traendly, A. L. Burns, W. Sheridan, John Morris and W. Siebrecht. Messrs. Henshaw and Hewitt were nominated for the one-year trusteeship made vacant by William Plumb's absence.

The committee on sports were requested by the chair to take the place of the entertainment committee, all the members of which were absent, and the "sports" acquitted themselves quite satisfactorily. John Morris offered a resolution with the intent of having the club disavow any connection with politics on the recent parade of the New York Florists' Sound Money Club, but the chair convinced Mr. Morris that the motion was unnecessary and the matter was left there.

Mr. O'Mara gave a very interesting talk on his recent travels south and west. He spoke in high praise of the men and projects connected with the Shaw Botanical Gardens. The designs and natural beauty of the New York Botanical Gardens were much praised by those in charge of the St. Louis gardens. The recent banquet was a great affair. The Michel Plant & Bulb Company out there had something new to eastern eyes; this was a large shed specially constructed for boarders. At E. G. Hill's there was a new rose, a hybrid tea, which he thought had a future before it.

At Chicago there were many things wonderful. No finer carnations could be seen than those at Bassett & Washburn's; they were grown on tiled benches. At Wietor's and Reinberg's and other large growers' the stock, especially Beauties, was in fine shape, no black spot being visible. The glass area of the Chicago growers was enormous; the structures could not be compared with those here, the houses there were not built for visiting but for producing, and the methods and general applications made the cost of production very low. At one of the places he saw something new in the way of a soft coal furnace, where the smoke and gases were consumed, saving 25 per cent annually on coal bills.

There was a great difference in the area for supplying the Chicago market; he was informed some of the best chrysanthemums coming into the Chicago market were sent from Toledo, Ohio, and large quantities of flowers were shipped back and forth for a radius of 250 miles, while in New York the area was possibly confined to 75 miles. There was much to be learned and appreciated from the pushing, breezy, generous florists in the west. The Chicago show was not quite up to the standard; he particularly mentioned some violets which would scarcely be considered here.

At the alleys last night the scores were:

Seibenheller	148	142	174
Hafner	188	183	208
Seibrecht	169	159	155
Burns	176	175	178
Lescher	159	119	175
Traendly	138	165	122

J. I. D.

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GEORGE M. KELLOGG.
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I greatly appreciate the Florists' Manual. It is a splendid text-book.
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If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

Price $5.00, Carriage Prepaid.

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PHILADELPHIA.

The Market.

Election week has come and gone, leaving behind it a chill at the hearts of the vanquished and of the growers who had to do a bit of firing in the wee sma' hours. The Greeks and Bears are still in evidence, but are not the important factors of one week ago, and the quality of the stock they offer, especially the Greeks, is not of the gilt-edged kind. The cool weather, following the tremendous production caused by the warm wave, has naturally made good flowers much scarcer. This fact, combined with the increased demand caused by a number of weddings and the first revolution of the social wheel, has sent prices upward. The rates are little if any higher than those quoted during the past month, but these prices are realized for everything nice, and the specials bring more.

The Exhibitions.

The show season is here now. The Chestnut Hill Horticultural Society, an infant in its first year, held a successful three-day exhibition last week. This week the Pennsylvania Horticultural Society will hold its annual exhibition, which is expected to be of great interest to all flower lovers.

A New Establishment.

A great deal of interest has been shown here in Adolph Fahrenwald's new place at Hillside, Montgomery County, because of the remarkable success of the Beauties grown last season. The place, which is in its third year, consists of six houses, containing 25,000 square feet of glass, and is devoted almost exclusively to Beauties. Four of the houses, built in the summer of 1898, are each 150 by 22 feet; three-quarter span to the south, with front glass and side benches. The remaining two houses, built this year, are of the same length but three feet wider and two feet higher, with front glass, but no benches, either side or center, the walks being around the outside and the beds on the ground. These two houses are planted entirely with Beauty. The other four have Beauty on the center benches, Brides and Maids on the side. The early planted houses have been producing freely, especially during July and August. All the stock is in good growing condition.

The houses are heated by steam and supplied with water at a high pressure by a steam pump. The place impresses the visitor favorably, being protected from the cold north winds by a hill; the exposure to the south is excellent. The houses are light and strong and the general arrangement thoroughly practical in all their details. It was from this place that two dozen Beauties with 8-foot stems were sent out for a special order last winter and here, too, the cut of high grade flowers both at Christmas and at Easter was far above the average; in fact, the Christmas cut was probably a record breaker. PHIL.

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Mention The Review when you write.

WEILAND AND RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
....YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. **Berning**
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

Carnation Blooms
OF ALL LEADING VARIETIES NOW READY.
CHICAGO CARNATION CO., Joliet, Ill.
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

KENNICOTT BROS. CO.

Wholesale Commission Florists,

42 AND 44 E. RANDOLPH ST., CHICAGO.

Write for our prices on WIRE WORK. You can't duplicate them anywhere.

CHRYSANTHEMUMS, Fancy, per doz. $2.50; Medium, " $1.25 to $2.00; Common, " 50c to $1.00

VIOLETS, per 100, $1.00 to $1.25

MAHONIA LEAVES, $1.00 per 100

THE KENNICOTT BROS. CO. control as much glass, if not more, than any firm in Chicago, therefore we pride ourselves on being able AT ALL TIMES to handle ALL ORDERS for ALL CLASSES OF FLOWERS in season. Prices, regardless of list and printed forms, are billed at Chicago market rates at date of shipment.

Just at present Roses are NOT PLENTY, but we have a large supply of MUMS, VIOLETS, CARNATIONS, SMILAX. If you want anything you can be sure of getting it as good as Chicago has got by placing your order with us.

See Thanksgiving Prices in next week's paper.

A WORD TO GROWERS OF CARNATIONS:

We have sold the cut of **IRENE** a pink carnation, and consider it one of the best commercial sorts we have ever handled.

We are now booking orders for Cuttings.

Place your orders NOW.

$1.50 per dozen; $10.00 per 100; $75.00 per 1000.

Store open until 6:30 p. m. week days.
Until noon Sundays and holidays.

PRICE LIST.

	Per 100.
Beauties, long	$20.00 to $35.00
" medium	15.00 to 18.00
" short	8.00 to 10.00
Brides, Maids	3.00 to 5.00
Perles and Meteors	3.00 to 5.00
Roses, our selection	3.00
Carnations	1.25
" named varieties	1.50 to 2.50
Violets	1.00 to 1.25
Valley	4.00
Adiantum	.75 to 1.00
Chrysanthemums,	
Fancy, per doz	2.50
Medium, "	1.25 to 2.00
Common, "	.50 to 1.00
Common Ferns, selected	per 1000, 2.00
Smilax	per doz., $1.25 to 1.50
Asparagus	" 6.00
Leucothoe Sprays	per 100, 75c to 1.00
Galax, Green	per 1000, 1.00
Mahonia Leaves	per 100, 1.00

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32=34=36 E. Randolph Street, CHICAGO, ILL.

Long Distance Telephone Central 1977.

FANCY BEAUTIES,
FANCY ROSES,
FANCY CARNATIONS,
FANCY MUMS.

Remember us with your THANKSGIVING ORDERS.

We can supply your wants with the CHOICEST STOCK in the CHICAGO MARKET.

Mention The Review when you write.

CHRYSANTHEMUMS.

There were many things at the Chicago exhibition that were suggestive and helpful. The pompon class was particularly interesting and many of the varieties offer opportunities for trial and experiment by the man who retails the flowers he grows and can use the pretty sprays of bloom in floral arrangements.

Intermediary varieties, as the old Diana, should also be useful on account of their fine finish and beautiful symmetry, and growing as they do in less space, thus enabling one to meet the calls of customers for lower priced flowers.

Talking with growers of pot mums they laid special stress upon the labor of feeding with manure water and the ever present danger of an overdose. I find feeding with liquid unnecessary and obtain the best results by another method. When giving the plants their last shift I put an inverted smaller pot over the drainage hole, for instance an inverted 3-inch pot or pan is placed over the drainage hole of a 6-inch pot, and so on. When the plant has set its buds this pot is removed and the space is filled with nearly fresh cow manure, bone meal and ashes, with merely a broken crock for drainage.

The roots immediately close in upon this and have an abundance of food to use in building up the flower. The plant is the best judge of what it needs and the discriminating roots will take up or leave alone the food placed within reach.

JOS. REEVE.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Estimates on Cypress Lumber Top, Glass and Piping for Greenhouse 114 feet by 22 feet wide inside. John D. Imlay, Zanesville, Ohio.

WANTED—Man that can grow violets and carnations, and will take an interest in the business. A liberal proposition to such man. Address with reference Henry Diers, Sibley, Ill.

WANTED—A first class florist, one who understands his business in roses, carnations, violets, mums and general potting stuff, no other need apply. Address Rudolph Kaiser, 96 College Ave., Annapolis, Md.

WANTED—Every buyer of plants to consult our classified advs. when in need of stock.

FOR SALE—On easy terms, two plant houses, residence on the adjoining lot, in city of 12,000 inhabitants. A good paying business established. Address 1243, care Florists' Review.

WANTED—Competent, single young man to work in greenhouses and hotbeds and in nursery if required. Will pay $40 00 per month with board to right man. Missoula Nursery Co., Missoula, Montana.

FOR SALE—A 25-barrel steel tank, with cover, for $20; as good as new. Gus. Knoch, Woodmere, Mich.

FIELD-GROWN CARNATIONS.

Albertini ..... } $4 per 100;
Tidal Wave ..... }
Armazindy and Triumph, } $35 per 1000.

FIELD-GROWN VIOLETS, $4.00 per 100; $35.00 per 1000.

POT-GROWN VIOLETS, 3-in., $3.00 per 100; $27.50 per 1000; 4-in., $4.00 per 100; $35.00 per 1000.

SMILAX PLANTS, 3-in., $3.00 per 100.

VINCAS, field-grown, $3.00 and $4.00 per 100.

Orders taken for Dailledouze Bros. "666" called "PROSPERITY."

12 plants, $5.00; 25 plants, $8.25; 50 plants, $10.00; 100 plants, $16.00; 1000 plants, $130.00.

WM. F. KASTING,

481 Washington Street, BUFFALO, N. Y.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

PRIMROSE AND CINERARIA.

Primrose, latest improved large flowering, fine plants, 2¼-in., $1.50 per 100; 3-in. extra strong, $4.00 per 100. Cineraria Grandiflora, 2¼-in., $2.00 per 100. Cash please.

J. W. MILLER, HATTON, PA.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.



The Largest Growers of Cut Flowers in America.

VAUGHAN'S SEED STORE

51 Wabash Ave., CHICAGO, ILL.

Growing more plants of AMERICAN BEAUTY than any other establishment in the whole world we are in a position to fill orders at all times. Call on us for your supplies of

Flowers for Thanksgiving.

Roses, Carnations, Chrysanthemums.

Wholesale Price List.

Am. Beauty, extra long, per doz.,		**$3 00 to**	**$4 00**
"	24-in. stem, "		**2 50**
"	20 " "		**2 00**
"	15 " "		**1 25**
"	12 " "		**1 00**
"	8 " "		**75**
Meteor ..... per 100,		**$3 00 to**	**5 00**
Bridesmaid ..... "		**3 00 to**	**5 00**
Bride ..... "		**3 00 to**	**5 00**
Perle ..... "		**3 00 to**	**4 00**
Carnations ..... "		**1 00 to**	**1 25**
Carnations, fancy ..... "		**1 50 to**	**2 00**
Chrysanthemums ..... "		**8 00 to**	**25 00**

All other stock at lowest market prices.
No charge for packing.

SUBJECT TO CHANGE WITHOUT NOTICE.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

Business fair this week, the demand being mostly for chrysanthemums and violets, the quality of both being good. The mildness of the season has brought the lilac into blossom in many parts of the state. The blooms are premature and may affect our spring crop of flowers.

Prices: Beauties, $1 to $2; Brides, Maids, Meteors, 25 to 75 cents; Liberty, 50 cents to $1; Kaiserins, 25 to 50 cents; Brunners, 6 cents per dozen. Chrysanthemums—Bonnaffon, 75 cents to $1; Jones, $1 to $1.50; Niveus, 25 cents; outside stock, 5 to 50 cents per dozen. Carnations—Hobart, $1; Crocker, 35 to 50 cents; Lawson, 50 cents; Schwerin, 35 cents; mixed fancy, 50 cents; Hill, 25 cents; Scott, 15 to 20 cents; Portia, 10 cents; Roman hyacinths, 35 cents. Violets—Princess, 75 cents to $1; Marie Louise, 50 to 75 cents. Smilax, 5 cents per string.

Exhibitions.

At the flower show held in San Francisco Mr. Frank Pelicano took the lion's share of honors. Mr. John Carbone, of Berkeley, came next with a grand display of carnations, new and standard varieties, also winning the first prize for the best single bloom in chrysanthemums. Domoto Bros., Fruitvale, made the largest and best display of chrysanthemums and received first prizes in that class.

The recent flower show held under the auspices of the California State Floral Society was a big success financially, according to the report of the treasurer. Besides paying all expenses there is a substantial balance which was ordered turned into the treasury.

It was decided to hold a rose show in May, 1901, and preparations for the affair will begin six months prior to that date. The advisability of increasing the number of vice-presidents from one to two and the board of directors from two to four was discussed and the plan will probably be carried out.

After the business meeting O. V. Lange, of Berkeley, gave an half hour talk on "Flower Photography," using a number of eleverly taken pictures prepared in his own art gallery. The process of photographing flowers is nearer the point of perfection now than it has even been before. In the case of highly tinted flowers, the speaker said: "It requires most delicate shading on the part of the photographer in order to bring out a truthful reproduction of the subject." J. N.

Fancy Qualities.

ALFALFA or Lucerne and TIMOTHY SEEDS

Highest Award—Silver Medal—at the Paris Exposition for these specialties.

THE C. A. SMURTHWAITE PRODUCE CO.,

GROWERS AND EXPORTERS,

Cable: Smurthwait. **Ogden, Utah.**

Codes: Am. Florist, A. B. C. (4th edition), Lieber's Standard.

Mention The Review when you write.

Sphagnum Moss

A very select quality, 70c per bale.
10 bales, $7.00. Grown and packed by

G. W. LYONS, Babcock, Wis.

Write for prices on car lots.

Mention The Review when you write.

SIOUX CITY, IA.—J. C. Rennison has recently erected a new carnation house 23x200 that is remarkably light. In addition to having pipe supports the purlins are of 1-inch pipe attached to the sash bars by metal bands.



CHOICE CUT FLOWERS OF ALL SORTS.

New and Standard Varieties of ROSES, CANNAS, CARNATIONS, GERANIUMS, CHRYSANTHEMUMS and General Florists' Stock.

The largest and most complete greenhouses in the West. Send us your orders. Perfect satisfaction guaranteed on all shipments.

LONG DISTANCE TELEPHONE 99.

Mention The Review when you write.

GREEN AND HOLLY.

It is reported that 8 to 10 inches of snow has fallen in northern Wisconsin and Michigan and a shortage of bouquet green may result. The lack of frost to harden the green made it unwise to pick much up to this time, and now evidently snow has arrived with the frost, making picking very difficult.

Holly is reported to be fine and well berried this year and there is prospect of a good supply of mistletoe.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

Some Stock You Want.

		Per 100.
20,000 Pansy Plants to grow for bloom,	20 lvs.,	$1.00
Coleus, 10 varieties, named	2¼-inch,	1.50
20,000 Alternantheras, bushy	2¼ "	1.50
Salvia Dwarf Clara Bedman	2¼ "	1.50
Smilax	2¼ "	1.50
3,000 Cedum Variegatum, border	2¼ "	1.50
5,000 Cigar Plant, fine	2¼ "	1.50
Asparagus Plumosus Nanus	3 "	5.00
Boston Fern, true	3 "	5.00
California Moss, hanging basket plt.,	2¼ "	1.50

5 plants at 100 rates.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

500,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings.
Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

BENTHEY & CO., WHOLESALE and COMMISSION FLORISTS,

F. F. BENTHEY, Mgr.

Consignments Solicited. 41 Randolph St., CHICAGO.

CHRYSANTHEMUMS, 1st Quality, $15 to $20 per 100; 2ds, $3 to $10 per 100.

ROSES.

A. Beauties, long	per doz.,	$2.00 to $3.00
" medium	"	1.00 to 1.50
" short	"	.75 to 1.00
Bridesmaids	per 100,	3.00 to 4.00
Perles	"	3.00 to 4.00
Kaiserin	"	4.00 to 6.00
Meteors	"	3.00 to 5.00

CARNATIONS, fancy	per 100,	$1.50 to $2.00
" good quality,	"	1.00
VIOLETS, good single	"	1.00
ORCHIDS, Cattleyas	per doz.,	6.00
VALLEY	per 100,	4.00 to 5.00
SMILAX	"	12.00 to 15.00
ASPARAGUS	per string,	.50 to .75
ADIANTUM	per 100,	.75 to 1.00
WOOD FERNS	per 1000,	1.50

FRANK M. ELLIS, WHOLESALE FLORIST,

Formerly with H. G. BERNING,

WILL OPEN MONDAY, NOVEMBER 19, at

1402 Pine Street, - - ST. LOUIS, MO.

CONSIGNMENTS SOLICITED. Telephone Kinloch C 74.

Burpee's Seeds Grow

.....ESTABLISHED 1878.....

E. H. HUNT,

Wholesale Seeds, Supplies, Bulbs, Cut Flowers, etc.

DECORATIVE GREENS

OF ALL KINDS.

Green,
Holly,
Mistletoe,
Wreathing,
Holly Wreaths,
Galax Leaves,
Leucothoe Sprays,
Needle Pines,
Sheet Moss,
Cape Flowers,
Immortelles.

We are prepared to furnish this season the very choicest stock of

Eastern Holly,
Select Northern Green
and all other
Decorative Stock

in all quantities at the lowest market rates. We will very gladly tell you about these and quote you our best prices if you only ask us.

IMMORTELLES are scarce but we are able to quote them in all colors at $20.00 per 100 bunches.

We guarantee these to be full size bunches and THIS YEAR'S CROP.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO, ILL.

Long Distance Phone Central 1751.



McKELLAR & WIN

Headquarters for Xmas and

We control the entire crop of some of the largest shippers of **Holly, Green, Mistletoe, Etc.,** in the country, and are in a position to offer our customers the best that the market affords, at the lowest prices. We book orders throughout the entire year for this stock, for December delivery, and parties intrusting their advance orders with us will be protected both on quality of goods and prices. We will guarantee to meet the prices of any reputable house. Please write us for our special quotations whenever you are ready to place order, whether it be a crate, ton or carload that you desire.

Select Delaware Holly We can supply Holly in short branches for making wreaths, or in long branches for selling loose. Our cases are all well filled, stock well berried.

Per case, $4.50. 5 cases for $20.00. 10 cases for $37.50.

Write for quotations on larger quantities and car load lots.

Best Quality Southern Holly For decorative work and ordinary use this Holly will be found very desirable and a big money saver.

Per case, $4.00. 5 cases for 17.50, 10 cases for $30.00.

Write for quotations on larger quantities and car load lots.

Best Made Holly Wreaths Our Wreaths are all made by experts and of selected Holly. Wreaths for special occasions made to order.

10-in.,	per doz., $1.00;	per 100, $7.00;	per 1000, $60.00
12-in.,	" 1.50;	" 10.00;	" 80.00
14-in.,	" 2.00;	" 15.00;	" 100.00

Select Mistletoe Carefully packed.. By express only. Mistletoe being a very delicate article, our responsibility ceases after delivery to Express Company.

Per lb., 20c. per 10 lbs., $1.80; per barrel (about 25 lbs.), $4.00

Lycopodium or Bouquet Green We are headquarters on this article and can supply fresh picked. Our Bouquet green is procured from the best green district in Wisconsin and Michigan, and is guaranteed the best on the market. Buy from headquarters

Per Crate of 100 lbs., $4.50.
Per 5 Crates, 500 lbs., $21.25.
Per 10 Crates, 1000 lbs., $40.00.

Write or telegraph us for prices on larger quantities and car lots.



Southern Wild Smilax, Selected Stock

This is no doubt the best decorative article that has ever been introduced. Specially adapted for Parlor, Hall and Church Decorations.

Case No. 1	contains 15 lbs.;	per case,	$2.00
Case No. 2	" 20 lbs.;	"	2.50
Case No. 3	" 25 lbs.;	"	3.00
Case No. 4	" 35 lbs.;	"	4.00
Case No. 5	" 40 lbs.;	"	5.00
Case No. 6	" 50 lbs.;	"	6.00

Bouquet Green Wreathing Our Wreathing is all made by experienced green-winders, and cannot be compared with the job-lot stock usually offered by others. We make three grades of Wreathing in order to satisfy all classes, but for the general florist trade we recommend the medium grade.

Light Wreathing, per 100 yds.,	$2.75;	per 1000 yds.,	$25.00
Medium " " "	3.00;	" "	27.50
Ex. Heavy " " "	5.00;	" "	42.50

Best Green Wreaths with few immortelles intermingled. Larger wreaths for special occasions made to order.

10-inch, per dozen,	$1.00	Per 100, $ 7.00
12-inch, "	1.50	" 10.00
14-inch, "	2.00	" 15.00

Christmas Trees We can furnish Xmas Trees in all sizes, from the smallest to largest Church Trees. Prices range from $10 to $50 per 100. Special large trees from $1 to $5 each.

Southern Needle Pines Per dozen, $1.50 to $3.00. Per 100, $10.00 to $20.00, according to size.

Palmetto Leaves, Palm Crowns, Ilex-Red Berry Branches and all such stock at bottom prices.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

TERSON

45-47-49 Wabash Ave.
....CHICAGO....

d Holiday Decorative Stock.

PLACE YOUR ORDER with us now for THANKSGIVING.

We handle a complete line of all CUT FLOWERS AND SUPPLIES.

Fresh stock of the following just received:

IMMORTELLES.

Large Bunches, Fancy Colored, Scarlet, Purple, Blue, Green, Pink, White.

er bunch, 25c	per doz.,	$2.50
ellow (natural color)	per bunch,	.20
" " "	per doz.,	2.25

CAPE FLOWERS.

Red, Pink, Blue, Lavender, Purple, Yellow, Green.

olored	per lb.,	$1.50
hite	"	1.00

GREEN SHEET MOSS.

er barrel	$3 00

FRENCH GREEN MOSS.

Imported.

arge packages, per pkg., 10c	per doz., $1.00

FRENCH GREEN MOSS WREATHS.

-inch	per doz.,	$1.00
-inch	"	1.25
-inch	"	1.50

CYCAS LEAVES, Preserved.

Fine Stock.

to 30-inch	per doz.,	$2.00
to 36-inch	"	3.00
to 40-inch	"	3.50
to 44-inch	"	4.00

RATTAN.

For Winding Holly and Green Wreaths.

Per lb.. 20c	10 lbs.,	$1.85
Original bundle, 55 lbs.		8.25

CHRISTMAS BELL FRAMES.

For filling with Immortelles and Cape Flowers.

5-inch	per doz.,	$ .40
6-inch	"	.55
8-inch	"	.75

WIRE (Annealed).

No. 24, per lb., 10c	per stone,	$	.85
No. 26, " 12c	"		.95
No. 36, " 20c	"		1.75

WIRE RINGS.

To Wind Wreaths on.

10-inch	per 100,	$ .40	Per 1000,	$3.50
12-inch	"	.50	"	4.50
14-inch	"	.60	"	5.50

PAMPAS PLUMES.

Select Stock.

White, per doz., 50c	per 100,	$3 50	
Colored, " $1.00	"	7.00	

CUT FLOWER PRICES.

Roses, Am. Beauties, select, per doz.	$2.50 to	$3.00
" " medium, "	1.50 to	2.00
" " short, "	.75 to	1.25
" Meteors, Liberty ..... per 100,	3.00 to	5.00
" Brides, Bridesmaid... "	3.00 to	5.00
" Perles, LaFrance..... "	3.00 to	5.00
" Our selection ..... "	3.00	
Carnations, extra select..... "		2.00
" good quality .... "	1.25 to	1.50
" our selection .... "		1.00
Chrysanthemums, extra select "	20.00 to	25.00
" good quality "	10.00 to	12 50
" short stems "	5.00 to	8 00
Orchids, Cattleyas, select.... per doz.	5.00 to	6.00
" Cypripediums, select "	1.50 to	2.50
" assorted sprays, etc., per box.	5.00 to	25.00
Violets, extra select ..... per 100,	1.00 to	1.25
" good quality..... "	.50 to	.75
Valley, extra select ..... "	3.00 to	4.00

DECORATIVE STOCK.

Ferns, Adiantum ..... per 100,	.50 to	.75
" common fancy ..... "		.20
" " " ..... per 1000,		1.50
Ivy Leaves, fancy ..... per 100, 25c "		2.00
Galax Leaves, fancy..... " 15c "		1.25
Leucothoe Sprays ..... " 60c "		5.00
" " ..... per 100,		.75
Smilax, extra select..... per doz.	1.50 to	2.00
" choice ordinary..... per 100,	10.00 to	12.50
Asparagus Plumosus, select strings, per doz.	5.00 to	6.00
Asparagus Plumosus, sprays..... per bunch,		.50
Wild Smilax, No. 1 contains 15 lbs., per case,		2.00
" No. 2 " 20 lbs., "		2.50
" No. 3 " 25 lbs., "		3.00
" No. 4 " 35 lbs., "		4.00
" No. 5 " 40 lbs., "		5.50
" No. 6 " 50 lbs., "		6.00

Prices subject to change without notice.

We handle everything for Florists.

SAMUEL S. PENNOCK. Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

BOSTON.

Trade Conditions.

Trade is good. The only trouble is that there is but an awful little of it, which is probably the reason why it seems so very good when we meet a bit of it. The Park street ice-box surely outdid all records this week, rivaling the show in Horticultural Hall. This is rather in the nature of a surprise, too, when it is considered that the weather has been a little more seasonable.

I understand there has been an election out Nebraska way, but Boston florists do not seem to have been elected generally. Carriers of good red roses get full more attention than any one else, but chrysanthemums are bothering prices on them quite a bit. They are in everybody's way and in the way of each other, so that figures still remain ridiculously small.

Not much change in variety. Tailby is docking a few Roman hyacinths; a few others show paper whites, and mignonette is coming in only in small lots.

Various Items.

Salesman Sutherland is doing good business with a new florists' letter made of silk or cambric sewed upon a wire. He carries both script words and block letters in two colors. They are very neat and attractive, making a greatly improved appearance, but the chief feature is the fact that outdoor exposure is not supposed to affect them.

Shady Hill Nurseries refusing to accept a high shipment of different kinds of bulbs, they were sold at auction. "Farmer Peirce" strolled along that way and casually bought the lot to poke into the odd corners of his business. I heard him ordering fifteen thousand new pots in which to incubate a few of them. Guess he means to go into deep mourning about next Memorial day.

J. E. Nelson, of Dorchester, has built two large houses and a violet house.

W. H. Elliott is in much improved physical condition since his hospital experience, tipping something over a stone more in weight than usual. All he needs is an extended series of surgical operations to make quite a presentable appearance. By the time he is all gone, as the result of them, what there is left of him will look first-rate. J. S. MANTER.

ASHLAND, O.—Mrs. Robt. McKean, an old-time florist, died recently. She is mourned by a host of friends.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

HEACOCK'S PALMS. I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.;	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant,	2¼-inch pot,	8 to 10 inches high	$15.00 per 100
1 "	3 "	10 to 12 "	20.00 "
1 "	4 "	18 inches high	.50 each
3 "	5 "	18 "	1.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.;	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "
8 "	6 "	48 to 50 "	4.00 "	48.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.



FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.

Also dealer in Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.

L. B. BRAGUE, Hinsdale, Mass.

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CHRYSANTHEMUMS: OUR SPECIALTY.

Stock Plants Now Ready.

Yel. Fitzwygram, earliest,	10c	Pacific	5c
Mdlle. Lucie Faure	10c	Robinson	5c
Mrs. F. A. Constable	10c	Bassett	5c
Mrs. Geo. F. Baer	12c	Bonnaffon	5c
Iora	10c	Viviand-Morel,	5c

80 other commercial varieties. Cash.

COTTAGE GREENHOUSES, Litchfield, Illinois.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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30,000 Geraniums!

ROOTED CUTTINGS.

Beaute Poitevine, Mme. Jaulin, A. Ricard, S. A. Nutt, Double Grant, $15 per 1000.

J. B. SHURTLEFF, Jr., Revere, Mass.

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Hardy Herbaceous Plants

All strong field-grown plants. Coreopsis Lanceolata, Digitalis, Aquilegia, double and single mixed; Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus Crimson Eye, Chater's choice double Hollyhocks in five separate colors, Hardy Pinks in eight choice varieties, $3.00 per 100, $45.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St., HOLLAND, Mich.

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BUDLONG IS READY

For a bigger business, with a **larger supply** and **increased facilities** for handling orders to the satisfaction of customers. Not only have we largely increased our own glass, insuring a larger cut of **fine Roses,** but our **Carnation** growers have added new houses, and we have several new consignors of **other stock,** enabling us to supply **EVERYTHING IN SEASON IN CUT FLOWERS.**

Our own big range of glass is devoted exclusively to roses and we can at all times supply the best grades this market affords. Not only are our Beauties as good as the best, but our Brides, Maids and Meteors are a little better than most growers produce. We like to have buyers visit our rose houses at Bowmanville.

Mr. M. OLSON, formerly in charge of the Cut Flower department at E. H. Hunt's has been added to the force in our city salesroom, and we are in better shape than ever to handle orders expeditiously.

40,000 A1 'MUMS.

We are now marketing the cuts of some of the largest and best growers for this market. We have 40,000 blooms in sight, A1 in every respect, and the supply will hold on until Christmas or later. We can handle any order; none too small and none too large; give us yours.

PINK—Viviand-Morel, Mrs. Murdock, Maud Dean, Mrs. Perrin, Nemesis.
YELLOW—Major Bonnaffon, Golden Wedding, Mrs. Whilldin.
WHITE—Fee du Champsaur, Mrs. Jerome Jones, W. H. Chadwick, Merry Christmas, Mrs. Robinson, Wanamaker, Mayflower, Canning, Ivory.

Every order of whatever nature, shipped within two hours of receipt and billed at Chicago market rates.

SEND FOR PRICE LIST.

J. A. BUDLONG,

WHOLESALE GROWER OF CUT FLOWERS. 37-39 Randolph St., CHICAGO.

Mention The Review when you write.

HedgePlants

Evergreen { Hemlock Spruce, Norway Spruce, American Arbor Vitae.

Deciduous { California Privet, Osage Orange, Berberis Thunbergii, Altheas, etc.

Various sizes at popular prices.

THE WM. H. MOON CO.

MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

Mention The Review when you write.

BOSTON FERNS...

6-inch pots		$0.50	each,	$ 6.00 per dozen
6 "	heavy	.75	"	9.00 "
8-inch pans		1.00	"	12.00 "
8 "	heavy	1.25	"	15.00 "
10 "		2.00	"	
10 "	heavy	2.50	"	
12 "		3.50	"	
12 "	heavy	$4.00 to 5.00	"	

Upsal Station, Penna. R. R.

JOHN WELSH YOUNG, GERMANTOWN, PHILADELPHIA.

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NOTICE! TO WHOM IT MAY CONCERN.

Offer to hold good as long as stock lasts.

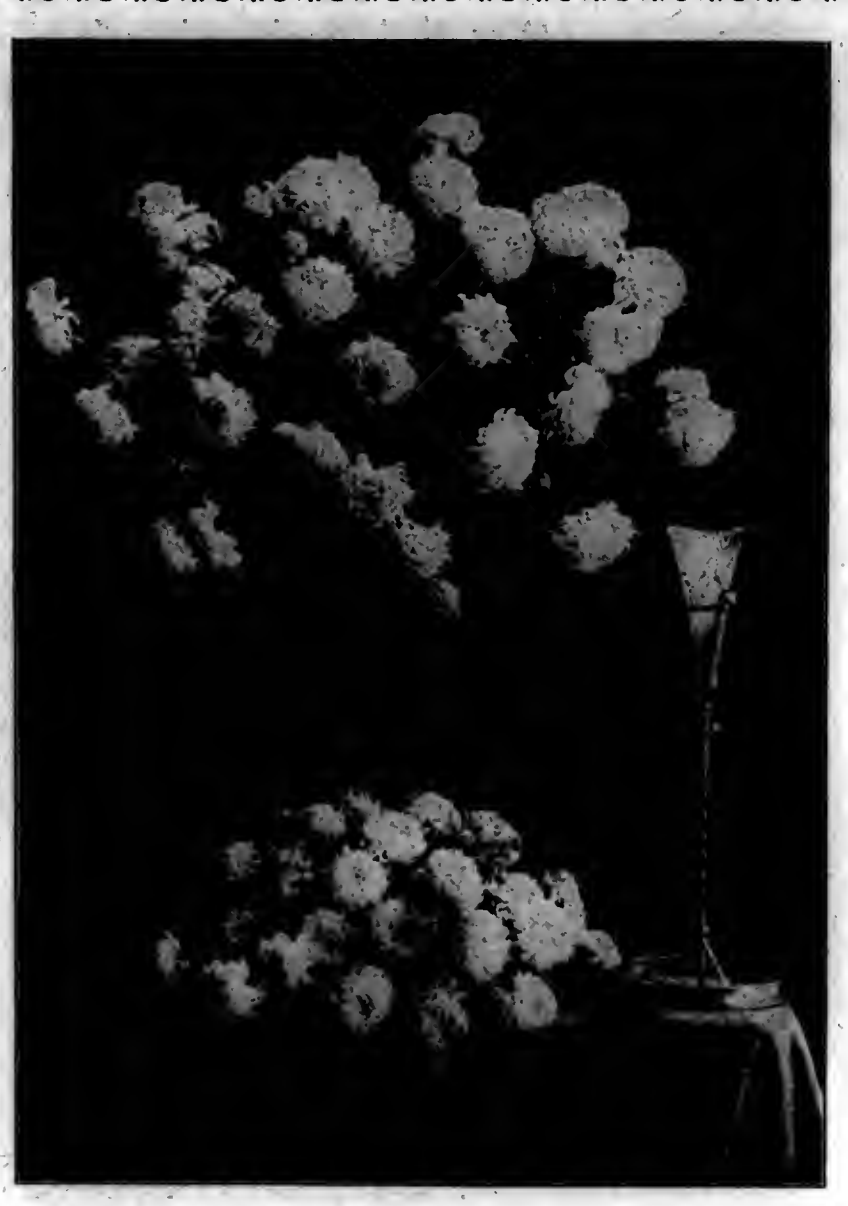
NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left. $14.00 per 1000; $1.50 per 100.
HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100.
" for forcing in pots, extra fine, separate colors, $4.00 per 100.
TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.
CROCUS, in separate colors. $2.00 per 1000.
CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.
GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.
AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by **F. W. O. SCHMITZ, Jersey City, N. J.**

Mention The Review when you write.

SEMI-WEEKLY TOURIST SLEEPERS, CHICAGO TO BOSTON.

The Wabash road now operates a line of tourist sleepers as above, leaving Chicago Mondays and Thursdays at 9:25 a. m. and arriving in Boston 5:20 p. m. next day. New York passengers can occupy these cars as far as Rotterdam Junction, N. Y. (where the train arrives at 11:00 a. m.), reaching New York at 3:15 p. m. No excess fare required. Write for reservations. Ticket office, 97 Adams St., Chicago.



BEFORE AND AFTER ARRANGEMENT OF THE HIGH VASE FLAT NO. 1.

KLOKNER'S PATENT

"HIGH VASE FLAT"

It will show up your flowers to the best advantage.
No retail Florist should be without it.
For show windows.
For table centerpiece nothing more elaborate.
For parlor and church decorations the coming article.
Simple and durable, made of iron, oxidized copper finish.

PRICE COMPLETE WITH VASE.

No. 1 Frame, 25-in. high, diameter of Pan 11½	inches, each,	$ 4.00
No. 2 Frame, 27-in. high, diameter of Pan 13	inches, each,	4.25
No. 3 Frame, 30-in. high, diameter of Pan 13½	inches, each,	4.50
No. 10 Frame, 61-in. high, diameter of Pan 20	inches, each,	10.00
Vase separate to No. 1, 2 and 3	each,	.50
Vase separate to No. 10	each,	1.00

Chicago Agents, McKELLAR & WINTERSON,
45-47-49 Wabash Ave.

Address A. KLOKNER,
MILWAUKEE, WISCONSIN.

HARD WOOD ROSE CUTTINGS.

Will not some reader of the Review tell me how to propagate hardwood rose cuttings indoors, stating how much bottom heat to give them? Also how to propagate hybrid rose cuttings in frames in summer. How should the frames be made and the cuttings treated?

SUBSCRIBER.

In answer to your query from subscriber about rooting rose cuttings, would say that the proper way to root hard wood rose cuttings is to make one or two-eye cuttings. This should be done during the latter part of October and any time up to December 15th. They should be run in a bench in a greenhouse, where there is heat enough to keep the same from freezing. Otherwise they require no heat.

As to summer propagation of hybrids, the wood must be grown indoors and the cuttings made when same is what would be termed quite soft. The frames we make by using one foot of horse manure; one-half old and one-half new is better than all fresh, as the manure is not intended to give heat, but to furnish moisture. If the cuttings were placed on the ground the dryness of the earth would wither the cuttings. This manure is well trampled, well watered, leveled off and about four inches of sand placed on top, well packed. If thoroughly watered when first put in, they seldom need more than this one watering.

We would state for Subscriber's information that it takes some experience to root hybrid rose wood in the summer time. This he cannot be told about, but must come from his own observation. It is not a difficult matter when done properly to root 95 percent of the cuttings, but one-half hour's neglect will spoil the whole lot. The shading should be put on at 8 o'clock in the morning and removed from 5 to 6. THE GOOD & REESE CO.

Springfield, O.

SOW BUGS.

We have found Hammond's slug shot an effective remedy for these pests. Dust it heavily on the benches and the ground underneath and Mr. Sow Bug will pack his kit and move his family to other quarters. Slug shot does not injure any plant. We use it heavily a couple of times a year as a preventive.

F. W. B.

FT. DODGE, IOWA.—H. E. Mitting, formerly a stockholder of the Morris Floral Co., Morris, Ill., has entered into partnership with John U. Kellenberger, and will from now on be business manager for the firm.

SPECIAL OFFERS FORCING BULBS.

	12	100	1000
Hyacinths.			
French Roman, 12x15	$ .20	$1.60	$15.00
Dutch " named	.30	2.50	24.00
" in separate colors	.55	4.00	38.50
" finest named sorts	.85	6.00	
Narcissus.	12	100	1000
Paper White, true grandiflora	$ .15	$ .75	$ 6.00
Von Sion, double nosed, extra size	.25	1.60	15.00
" large size	.20	1.40	12.00
All sorts, Polyanthus, single, double and Trumpets, mixed	.15	.90	7.50

Tulips. La Reine, Keizerskroon, Cottage Maid, per 100, $1.00; per 1000, $9.00. Joost V. Vondel, La Candeur, 100, 90c; 1000, $8.00. All other popular sorts at very reasonable prices. Mixed finest single, 100, 85c.; 1000, $7.00. Write us for prices.

Crocus. Finest large, separate colors $0.30 $2.25

Lil. Longfl. 5x7, 100, $2.00; 1000, $18.00; 6x8, 100, $3.00; 7x9, 100, $5.00; 1000, $40.00. **Ready**, Auratum, Rubrum, Album.

CALLA. Spotted, 12, 50c.; 100, $3.00.

Seeds. Fresh crop 1900. Sweet Pea, early forcing sorts, 25c. a lb. Smilax, oz., 30c; lb., $2.50. Asp. Sprengeri, 100, 50c; 1000, $4.00.

Japan Fern Balls. Due in December. Send orders now for these **great money makers.** Send for our new price list for winter and spring.

Address **H. H. BERGER & CO.**,
Est. 1878 **47 Barclay St., New York.**

JARDINIERE FERNS

Elegant stock,
$3.00 per 100, $25.00 per 1000.

Roses for the South. Varieties most adapted for southern planting. Just the thing you want. Stock A No. 1. Write for Price List.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

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FIVE REASONS Why You Should Place Your Orders for..... AZALEAS

With Us At Once.

BECAUSE You can still take advantage of the mild weather, and have the plants come through safely by freight,

BECAUSE We are the largest buyers of Azaleas in the world, and make personal inspection of the stocks before they are shipped to us, and buy for spot cash, which enables us to secure the lowest prices, and you the benefit in quality of the plants.

BECAUSE Our importations are all repacked at our own nursery. Plants that have suffered in transit, and which are not well set with buds being discarded, you receive nothing but first-class stock, which is certain to give satisfaction.

BECAUSE We can give you any special assortment of varieties that you may wish. This is a great advantage over the usual assorted case lots, sent over from Belgium, which invariably contain many varieties not at all suited to the American market.

BECAUSE We wish to convince you as we have convinced many of the leading florists of the United States, that you can buy Azaleas from us to better advantage than if you make your own importations.



SPECIMEN AZALEA.

....PRICES....

Include duty, packing and delivery in good condition to any Express, Freight or Steamship Line in Philadelphia. Fine bushy crowns, well set with buds—

10 to 12 inches in diameter	per doz.,	$ 4.50; per 100,	$ 35.00
12 to 14 " " "	"	6.00 "	45.00
14 to 16 " " "	"	7.50 "	55.00
16 to 18 " " "	"	12.00 "	90.00
18 to 20 " " "	"	25.00 "	200.00
20 to 24 " " "	"	36.00 "	300.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

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LATANIA BORBONICA.

Extra Fine Stock.

Grown cold and not drawn up or pushed with fertilizers.

7-INCH--9 LEAVES,
$12.00 per dozen.....25 for $22.00

6-INCH--7 LEAVES,
$8.00 per dozen.....25 for $15.00

5-INCH--6 LEAVES,
$5.00 per dozen.....25 for $9.00

This stock must be sold at once. We are crowded for room.

CASH, PLEASE.

CRITCHELL'S,

CINCINNATI, O.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

Choicest Stock. LOWEST PRICES.

VERBENAS, 20th Century Collection now ready. The finest set of New Mammoth Verbenas in America. 25 grand sorts, strong 2-inch pot plants, $2 00 per 100; strong rooted cuttings, 60c per 100; $5.00 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit, strong 2¼-inch, $1.50 per 100, (special).

GERANIUMS, strong 2-inch, mixed colors, $1.50 per 100. Strong R. C. of Bruanti and Heteranthe, best scarlet bedders and all colors mixed, $1.25 per 100; $10.00 per 1000, (special). Mme. Saleroi, strong 2½-inch, $1.50 per 100; 2-inch. $1 25 per 100. Rose Geraniums, strong R. C., $1.00 per 100, (special).

NEW AGERATUMS, Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼-inch, $1.50 per 100; strong R. C., 60c per 100, (special).

ALTERNANTHERAS, bright red, variegated and yellow, 50c per 100; $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2¼-in., ready for 3-inch, $2.00 per 100, (special).

ROSES, strong 2½-inch Brides and Maids, $2.00 per 100, (special).

NEW DBLE. FRINGED PETUNIAS. The set we are to send out this season is a record breaker. Strong R. C. ready Dec. 10th. Place your orders early for this collection.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

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A1 Stock.

Asparagus Plumosus Nanus,

EXTRA FINE, from 3-inch pots, $1.00 per doz.; $7.50 per 100; $65.00 per 1000.

Asparagus Sprengeri,

From 2½-in. pots, $2.50 per 100; $20.00 per 1000.

English Ivy, Extra good. From 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Hydrangea "Otaksa" and "Hogg," good **field-grown** plants, 3 to 6 branches, $1.50 per doz.; $10.00 per 100.

Hydrangea "Otaksa" and "Red Branched," from 2½-inch pots, well rooted, 50c per doz.; $3.00 per 100.

Honeysuckle, "Halls" and "Belgica," Field-Grown, two years old, strong, $3.00 per 100.

Vinca (Trailing), Green and Variegated, from 4-inch pots, Field-Grown, 75c per doz.; $6.00 per 100. From 3-inch pots, 60c per doz.; $4.50 per 100.

All orders amounting to $5.00 will be sent F. O. B. New York City. Those from unknown correspondents will be forwarded C. O. D.

SEAWANHAKA GREENHOUSES,

WM. L. SWAN, Proprietor.

Lock Box 227, OYSTER BAY, Nassau Co., New York.

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Seasonable Stock.

BEGONIA REX, 3-in. pots, in good assortment, $6.00 per 100.
ASPARAGUS PLUMOSUS NANUS, 3-inch pots, fine stock, $7.00 per 100.
VINCA MAJOR VARIEGATA, field-grown, extra strong, $6.00 per 100.
NEW GERANIUMS, including Jean Viaud and other choice sorts.
Stock plants of all the BEST **CHRYSANTHEMUMS.**
SEND US LIST OF WANTS FOR PRICES.

Nathan Smith & Son, - Adrian, Mich.

Mention The Review when you write.

FRITZ ON FLOWER SHOWS.

[Read at the annual banquet of the Chicago Florists' Club by A. C. Kohlbrand].

SHAUMBURG, Nov. 11, 1900.

Tear Frient: I haf much sorrowment dat I was not aple to call on you to see today while mit de town in, but you know how it is it. When a fellow comes to town he chenerally gets mixed out mit some old comrades und he can't tear himself away already. It happened so mit me today und gonsequenctly off it is it dat I haf me such a headache like I nefer hat, und I hat to make my esgape mit de first drains for home.

De show dis year is wery nice wat dere is off it, but not so goot as we are used mit seeing in Chicago. De quality is all right but as for quandity it comes not up to my exbeedation. What de madder is it? Has dat olt feeling off rivallry diet out? De exhibition don't seem to disblay dot olt feeling of enerchy und win or die like dey used to do in former years.

Dou you rememper de olt flower shows in Cincinnati years ago when we used to work from 7 in de morning undil 7 in the morning und nefer kick if we could only get a bremium or two? Do you rememper some of de gontrapshuns we used to make up? Wat woult dey do mit a fellow dese days if he was to make up a lot of bedsteds, stofes, billy goats und oder dings too numerous to explanation? Do you rememper how we used to sit up all night und stem up eupatorium, balsams, alternanthera und ageratum und oder loose chewing, und make designs for flower shows?

I must laff wen I dink off de first dinner table wat was to pe exhibited, und de florists had not de least idee off wat was wanted, und when he brought to de show a peautiful ham made mit bink und white balsams, und alternanthera all around de outside. Und de sausage mate also mit bink and white balsams, und de watermellon mate in de same way mit ivy leafs for outside cofering. De dinner table looked like a Dutch picnic, only de keg of beer was missing.

Talk aboud Dutch picnics, do you rememper old H—, de brewer? He always reminded me off a Dutch picnic, keg und all. I took him home one night after he hat been oud all day gollecting, und he was pretty sick by de time he reached home. We obened de front gate und as he walked mit de yard in he fall ofer his dog. You oughd to haff heart him holler, "Himmel! Donnerwetter! Wat is it dot a chentleman can't come home already mit out falling ofer all de dachshunds in de country, und preak his geniek falling up de steps, or worse still to haf his wife chew de rag aboud staying oud late when all de time he is tenting strigtly to business. It always seemed to me dat when chentlemen were made und dogs were made de maker got dem mixed oud und called de dog de chentleman und de chentleman de dog.

"A dog don't haf to go all around town trying to gollect a few bad debts und work like a slafe from morning till night, und efery dime he gollects apoud $4 for a barrel of beer sphend $6 ofer de bar, und when he comes home at night sick mit the day's work he don't fall ofer any dogs und preak his geniek or haf his wife chew de rag for two hours. It's wrong, all wrong. In my obinion a dog leads a chentleman's life und a chentleman a dog's life, und efen in death de dog has de adwantage ofer a chentleman. When a dog dies he is deat, dot seddles it, dey trow him in a hole und push de hole in after him und dat is de end off it, but when a chentleman dies he must go to Blazes yet. Yours,

FRITZ BLUMENSCHNEIDER.

ROSES

EXTRA STRONG 2 YEAR OLD ROSES, CHEAP, TO MAKE ROOM.

25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

Archduke Charles	Ernest Metz	Meteor	Mosella
Agrippina	Etoile de Lyon	Media	Hermosa
Bride	Enchantress	Marie Van Houtte	Marechal Niel
Bridesmaid	Folkestone	Mme. Margottin	Maid of Honor
Baldwin	Francois Kruger	Malmaison	Mme. Abel Chatenay
Bon Silene	Golden Gate	Papa Gontier	Mrs. Robt. Garrett
Clara Watson	Gus. Tripelitz	Pink Soupert	Mme. Cecile Berthod
C. Soupert	Geo. Bancroft	Perle	Souvenir de Wootton
Christine de Noue	Henry M. Stanley	President Carnot	Striped La France
Catherine Mermet	Kaiserin	Princess Venosa	Syiph
Climbing Wootton	Mme. Camille	Princess de Sagan	Solfaterre
" Meteor	Mme. Lambard	Queen's Scarlet	The Queen
" Kaiserin	Marie Guillot	Safrano	Triomphe de Pernet Pere
" Perle	Mme. Watteville	Snowflake	Reine Marie Henriette
" Malmaison	Mme. Welche	Sombreuil	Victor Hugo
Dr. Grill	Mme. Schwaller	La France	White Maman Cochet
Devoniensis	Mme. Jos. Schwartz	Lamarque	" Marechal Niel
Duchess de Brabant	Maman Cochet	La Princess Vera	" La France
Duchess of Albany	Mrs. Degraw	La Pactole	Yellow Rambler

Price for a general assortment of the above, and not less than five of a kind, $3.00 per 100; $20.00 for 500; $35.00 for 1000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1000. The above prices are for cash only. We would ask that purchasers remit by money order, express order or bank draft, as it costs 25c each to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and thorough manner.

R. H. MURPHEY & SON, URBANA, OHIO.

Mention The Review when you write.

Always Mention the.... **Florists' Review** When Writing Advertisers.

NOVELTIES AND PLANTS OF RECENT INTRODUCTION.

BEGONIAS.

Gloire de Lorraine

The largest stock in the country. Grown in moderate temperature, well hardened off, perfect in health, shape and condition, covered with bloom.

Specimen Plants Ready for Thanksgiving and Christmas.

8-inch pans, finest and largest specimens,		$3.50 to $5.00	each
8 "	fine shapely plants.....	2.50	"
6 "	or pots, finest specimens...	2.50	"
6 " "	fine shapely plants,	1.50 to 2.00	"
5-inch pots, very fine plants.....		1.00 to 1.50	"
4 "	fine perfect plants	.50 to .75	"

Light Pink Lorraine

3½-inch, 50 cents each, $5.00 per dozen.

Nana Compacta

3½-inch, 25 cents each, $17.50 per 100.

Begonia Candelabra

50 cents each.

Begonia Hemsleyana

50 cents each.

Begonias New Double Semperflorens

Antoine Daume, Victor Prouve, Emile Galle, Emile Friant, Aime Morat,
25 cents each, $2.50 per dozen.

NEW CARNATIONS.....

OUR CANDIDATES:

Roosevelt and Prosperity.

GOV. ROOSEVELT, $2 per doz., $12 per 100, $100 per 1000
PROSPERITY, $5 per doz., $16 per 100, $130 per 1000

NEW CANNAS.

CINNEBAR; 35 cents each, $3.00 per dozen, $25.00 per 100.
MISS KATE GREY, 25 cents each, $2.50 per dozen.
BLACK BEAUTY, True, $2 per doz.; $15 per 100, $125 per 1000.

NEW ORCHID FLOWERED IVY LEAVED PELARGONIUM LEOPARD.

50 cents each, $5.00 per dozen, $17.50 per 50, $35.00 per 100.

Impatiens Platypelala Alba.

WHITE FLOWERED, 25 cents each, $2.50 per dozen.

Acalypha Godseffiana.

Variegated Leaved. A Good Variegated Bedding Plant.
20 cents each, $2.00 per dozen.

THE COTTAGE GARDENS, QUEENS, L. I., N. Y.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $4.00 per 1000, f. o. b. express here.
Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

100,000 GERANIUMS ROOTED CUTTINGS

SEND FOR LIST AND PRICES.

	Per 100
Asparagus Sprengeri, 2-in	$3.00
" " 2¼-in	4.00
Baby Primrose. 2¼-in	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " (winter), 2-in	3.00
" " " " 4-in., very strong	10.00
Cinerarias, 2¼-inch	3.00
Violets, Farquhar, 2¼-in., free from disease,	$2.50
Vinca, 2¼-in., $3.00; 3-in	5.00
" 4-in., $10.00; 5-in	15.00
" Rooted Cuttings, $10.00 per 1000	1.25
Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.	
Snow Crest Daisy Rooted Cuttings	2.00
2¼-inch, $4.00; 3-inch, $6.00.	

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Azalea Indica!



Just Received a large shipment, and they turned out to be finer than ever before.

THE VARIETIES ARE:

Mme Van der Cruyssen, B. A. Alba, Simon Mardner, Vervæneana, Empress of India, Emperor of Brazil, Prof. Walters, Niobe, Deutsche Perle, etc.

	Doz.	100	1000
8–10 inches diameter	$3.50	$27.50	$250.00
9–11 " "	4.00	30.00	285.00
10–12 " "	4.50	35.00	323.00
12–14 " "	6.00	42.50	400.00
14–16 " "	7.00	55.00	525.00
16–18 " "	12.00	90.00	

Large plants, $1.25, $1.50, $2.00, $3.00 each.

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3–4 tiers.....doz., $9.00; 100, $65.00
4–5 tiers.....doz., 12.00; 100, 90.00
These are extra fine plants, well furnished.

HYDRANGEA OTAKSA.

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$12, $13, $18, $24 per doz. Extra

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New York.

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CHEAP-TO CLOSE OUT



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Don't be afraid that our stock of Boston Ferns will run out. We have sold 75,000 the past six weeks, but still have 125,000 fine plants on hand. Better buy now as price is sure to advance.

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Acalypha Sanderi, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " from 3-in. pots, strong plants, $5.00 per 100.

Crotons, twelve best bedding varieties, from 2½-in. pots, elegant plants, $3.00 per 100; $25.00 per 1000. These will be fine to shift on for next year's bedding.

Ponderoso Lemon, largest lemon grown; bears fruit weighing two pounds and over. Is bound to become a popular plant. It fruits when quite small. Fine plants from 2½-in. pots, $1.00 per dozen, 7.00 per 100. Strong plants, ready to bloom at once, $1.50 per doz.

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QUEEN OF EDGELY, PINK AMERICAN BEAUTY.

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We are convinced that the variety is a valuable addition to the list of forcing roses, being in every respect, except color, the exact counterpart of the American Beauty. The color is a beautiful bright pink, which is good even in the full flowers. The fragrance is also as fine as that of American Beauty, and the exhibited blooms showed remarkable vigor.

Signed: ROBERT KIFT.
WM. MUNROE.
JOS HEACOCK.

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2½-inch pots, $8.00 per 100.

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3½-inch pots, $7 00 per 100.
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HARMS PARK FLORAL CO.,

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(Japan Cedar.) The Novelty Decorative Pine. Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in pots, $5 00 per 100, or 20 for $1.00. E. I. RAWLINGS, Quakertown, Pa

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of the leading popular varieties, ranging from one to three feet in height, and one to four years in age; adapted to all locations.

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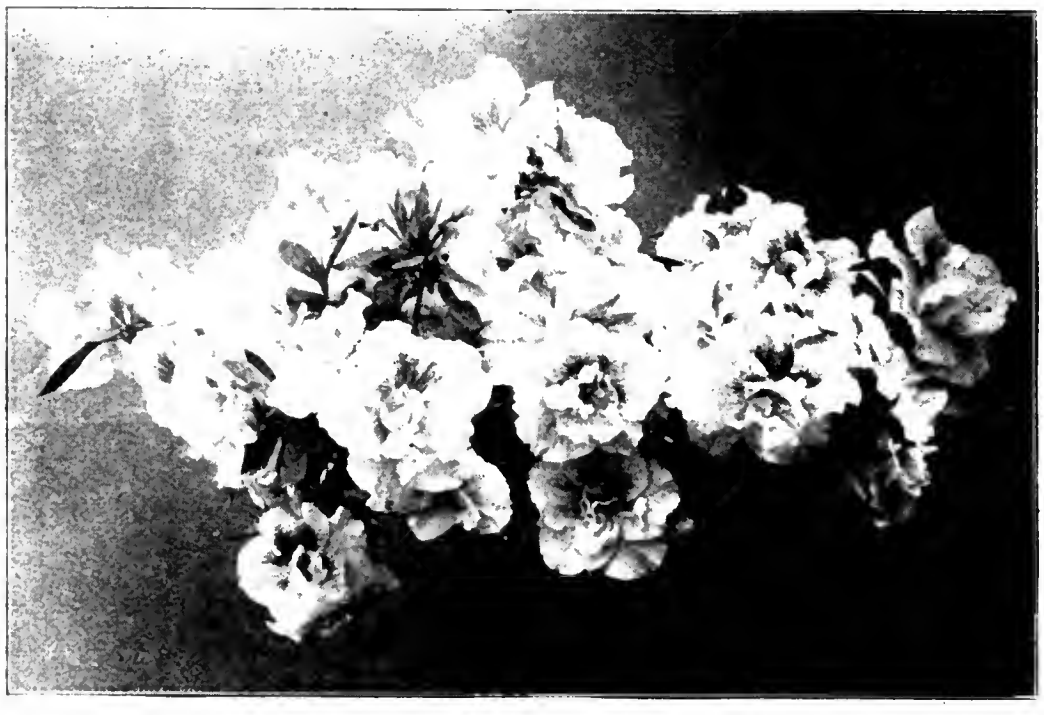
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A Chance of a Life Time to Secure Heavy Undivided Stock at Prices that Defy Competition.

Owing to being considerably overstocked, we make this special offer, for a short time only. Plants are well-grown, large, true to name and shipped just as they come from the ground without dividing. Prices are for cash with order.

Delphinium Elatum Hybridum, field-grown.
Dianthus, Barbatus, field-grown.
Digitalis Monstrosa, field-grown.
Eulalia Japonica, 3½-inch pots.
Eulalia Japonica, variegated, 3½-in. pots.
Eulalia Zebrina, 3½-inch pots.
Eulalia Gracillima, 3½-inch pots.

Funkia Coerulea, 3½-inch pots.
Funkia Sieboldii, variegated 3½-inch pots.
Funkia Subcordata Grandiflora, field-grown.
Lavandula Vera, field-grown
Lychnis Chalcedonica, field-grown.
Lychnis Viscaria Splendens, 3½-in. pots.

Lobelia Cardinalis, 3½-inch pots.
Linum Perenne, 3½-inch pots.
Lathyrus, red and white, 3½-inch pots.
Gypsophila Paniculata, field-grown.
Gaillardia Grandiflora, 3½-inch pots.
Geum Atrosangineum, field-grown.

Hemerocallis Flava, strong, field-grown.
Hemerocallis Sieboldii, field-grown.
Hardy Pinks, 5 splendid varieties, 3½-in. pots.
Hibiscus, Crimson Eye, 3½-inch pots.
Helianthus Multiflorus Plenus, 3½-in. pots.
Helianthus Soliel d'Or, 3½-inch pots.
Heliopsis Pitcherianus, field-grown.

$3.00 PER 100.

Iberis Gibraltarica, field-grown.
Iberis Sempervirens, field-grown.
Primula Varis Elatior, 3½-inch pots.
Primula Japonica, 3½-inch pots.
Myosotis Palustris, 3½-inch pots.

Phlox Decussata, 12 fine sorts, 3½-inch pots.
Phlox Subulata Rosea, 3½-inch pots.
Phlox Subulata Alba, 3½-inch pots.
Pyrethrum Roseum, field-grown.
Penstemon, assorted, field-grown.

Platycodon Grandiflorum, blue, 3½-inch pots.
Platycodon Grandiflorum, white, 3½-inch pots.
Platycodon Mariesii, mixed, 3½-inch pots.
Matricaria, double white, 3½-inch pots.
Oenothera Frazerii, 3½-inch pots.

Oenothera Rosea, 3½-inch pots.
Rudbeckia Golden Glow, field-grown.
Rudbeckia, Newmanii, 3½-inch pots.
Scabiosa Caucasica, field-grown.
Salvia Pratensis, field-grown.

Statice Armeria, 3½-inch pots.
Statice Latifolia, field-grown.
Valeriana, mixed, field-grown.
Tritoma Grandiflora, 3½-inch pots.
Monarda Didyma, field-grown.
Iris Siberian, field-grown.

EDWARD B. JACKSON, STAMFORD, CONN.

Mention The Review when you write.

OCEANIC, N. J.

Meeting of the Monmouth Co. Hort. Society.

The regular meeting of the above society took place in Redmen's hall, Oceanic, N. J., and the exhibition was held on the same date, free to the public. It was a drawback that the hall was not larger, as the exhibits of groups and specimen plants were too crowded. Some of the first prize winners were: H. A. Kettel, N. Butterbach, H. Birch, W. Kennedy, G. Kuhn, Robt. Murphy and others.

H. A. Kettel exhibited a yellow chrysanthemum, a seedling of E. D. Adamsx Miss Hartshorne, which promises to be a great acquisition.

A very good white seedling was exhibited by N. Butterbach.

H. Birch exhibited a fine collection of vegetables, seventeen varieties, containing very fine peas, something very rare at this time of the year for this part of the country.

W. Kennedy exhibited a collection of vegetables, eighteen distinct varieties, very fine.

The judges were: Thos. Macintosh, J. T. Cruiser and A. Brighton.

The election of officers took place and all the last year's officers were re-elected. According to the report of the auditing committee the funds of the society are increasing steadily. Three new members were proposed. It was decided to have the annual dinner at the installation of officers at the next meeting. B.

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Place your order with PULLEN. Place it now for the very best grade of bright green foliage, well berried, fresh from the swamps.

HOLLY WREATHS. Only first-class materials used—fresh green leaves plentifully clustered with berries. In ordering be sure and state sizes wanted and number of berry clusters desired on each. Goods shipped at proper time or on your order, carefully packed. Prices are most reasonably low.

NURSERY STOCK. All varieties of fruit—Peach, Pear, Apple, Plum, Cherry, Apricot, Quince—every one warranted true to name. Have an extra fine block of Japanese Plum.

PLANTS. Can furnish anything you wish in plants.

☞GOODS ARE THE BEST. PRICES ARE LOW.

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Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G. BARROW, Red Level, Ala.

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PRIMROSES,

Chinese, large flowering, 2-in. pot, $1.25 per 100.

ASPARAGUS

Sprengeri, 2-in., $2.50 per 100.
Plumosus, 2-in., $3.50 per 100.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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NEPHROLEPIS WITTBOLDII

Will be a big money maker for those who secure a stock this season. The demand next year will be immense when its good qualities are more generally known. It has all the desirable characteristics of the Boston Fern and makes a handsomer plant. Note the engraving from a photograph of fronds of Bostoniensis and Wittboldii side by side.

Our stock of N. Wittboldii is in splendid shape and we are offering fine plants, ready for 3 and 4-inch pots, at

$1.00 each,

$10.00 per doz.,

$75.00 per 100.

Orders filled in rotation as long as present stock lasts.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

Send in your order now. We shall send out only good strong plants, and will cease filling orders when we can no longer send out plants that will be a credit to us.

If you catalogue novelties you would do well to include N. Wittboldii in your list. Write us about it.

See our offers of Palms, Ferns, Asparagus, Araucarias, Ficus, Cycas and Dracaenas

in Classified Advs. in this issue of the Review. Put in your Christmas stock of plants now.

THE GEORGE WITTBOLD CO.,

1657 Buckingham Place, Chicago, Ill.

A MARRIAGE BELL.

A lady here wishes to have a marriage bell prepared in such a way that six to eight boutonnieres attached to the same number of small ribbons would, by pulling one of the ribbons, fall upon the groomsmen standing underneath. How can I successfully arrange this?

SUBSCRIBER.

There are two ways in which to accomplish the above. A special frame would have to be fixed inside the bell, open in the center; the inner lining of the frame would needs be very smooth cloth; the outside can be flowers; the boutonnieres can be placed inside and the divided bowl can be tied with a very loose bow of highly glazed cord; this cord can be covered with greens or flowers and made to represent a bell rope, or it can be made invisible and pulled when the proper time comes. The frame we mean is like a small trap door; it can be made so as not to interfere with the clapper, and if you weight the tied end of the frame it will fall much easier. Be careful to have highly glazed string and tie loose half-bow.

The other method is to tie the boutonnieres together in a loose running knot, and hang the bunch in the bell by using small pulleys and running a wire down through the bell; you can shed the flowers or you can have the ribbon you tie with longer than the others and pull when wanted.

There is, of course, considerable risk attached to these "surprise" designs and most florists dislike to touch them, but some ladies insist on what they call novelty and if possible it is best to please them. The design has been used but very rarely in marriage bell form because the ushers at a wedding get their boutonnieres before the pair stand under the bell; that part of your customer's idea is wrong. The "opening ball" used at dances is on the same principle and the suggestion comes from that. All you need is some simple contrivance same as the door of a parrot cage; weight the edge and tie loose, practice on it and perfect the machine before you take it to the house. A failure on a matter like this would do you great harm.

IVERA.

CATALOGUES RECEIVED.

W. K. Nelson, Augusta, Ga., list of field-grown roses; Conard & Jones Co., West Grove, Pa., bulbs, roses and plants for winter bloom; The Livingston Seed Co., Columbus, O.; bulbs, plants and seeds; August Rolker & Sons, 52 Dey St., New York, trade catalogue of seeds, plants and florists' supplies; W. Atlee Burpee & Co., Philadelphia, advance price-list for 1901; Caldwell The Woodsman Co., Evergreen, Ala., evergreens of the southland and showing how used in house, store and church decorations; J. H. H. Boyd, Gage, Tenn., tree and shrub seeds, seedlings, ferns, etc.; W. A. Christy, Kinsman, O.; gladioli; A. & G. Rosbach, Pemberton, N. J., list of plants and rooted cuttings.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

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PROSPERITY

The New Carnation known as No. 666 has been christened the above name and will be disseminated next March. For full particulars address

DAILLEDOUZE BROS., - - Flatbush, Brooklyn, N. Y.

Mention The Review when you write.

KENTUCKY FIELD-GROWN ROSES

American Beauties, La France (White), La France (Pink).

Thrifty stock, $15.00 per 100.

Mme. Jos. Schwartz	Comtesse Riza du Parc
Mme. Camille	La Princess Verra
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Souv. de F. Gaulain	Bougere
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Louise Osterrich	Eliza Heyman
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Monte Carlo	Louis Phillipe
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Eliza Boelle	Mme. C. Kuster
Queen of Scarlet	Little Pet
Princess Sagan	Mme. Bosanquet
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Miss Ethel Brownlo	Mosella
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$8.00 per 100.

HYBRID PERPETUALS.

Vick's Caprice	$10 per 100.	President Lincoln
Gen'l Jacqueminot		Gloire de Margottin
Mme. Plantier		Boule de Neige
Chas. Lefebvre		Caroline Goodrich
Marie Baumann		Mme. A. Carrier

RAMBLERS, yellow, white and pink, $6.00 per 100. 1,000 SANGUINEA, $4.00 per 100.

NEW SEEDLING ROSE WINNIE DAVIS

This grand rose should be grown by every florist as a pot plant, or for forcing, being a cross between Kaiserin Aug. Victoria and Belle Siebrecht. Color, apricot pink, shading to a flesh tint; odor of a most delicious ripe fruit. Shape being oblong and well formed, when fully open resembling a sunburst, which is most striking and beautiful. A very free and vigorous grower and bloomer. Color never changes in dark weather like most colored roses. Magnificent light green glossy foliage. Strong thrifty plants, 2½-inch pots, $5.00 per doz.; $25.00 per 100.

MAGNOLIA GRANDIFLORA. Fine pot grown plants, 2 to 3-ft. high, 50c each, $5 per doz.

JASMINES. Jasminums: Maid of Orleans, Grand Duke, Grandiflora, Sambac or Arabian, Revolution, strong thrifty plants, 3-inch pots, $6.00 per 100.

Address NANZ & NEUNER,

582 Fourth Ave. Louisville, Ky.

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ROOT YOUR OWN CARNATION CUTTINGS.

Not having room, we offer the following nice unrooted cuttings, or pips, until further notice:

	Per 100	Per 1000
Morning Glory, shell pink	$2.50	$20.00
G. H. Crane, scarlet	1.50	10.00
Peru, white	2.00	15.00
Genevieve Lord, light pink	1.50	10.00
Gold Nugget, yellow	1.50	10.00
Mrs. Bradt, variegated	1.50	10.00
America, scarlet	1.25	9.00
Mary Wood, white	1.25	9.00
White Cloud	1.25	9.00
Gen. Maceo	1.50	10.00
Mrs. Bartlett (Dorner), scarlet	2.00	15.00
Mrs. F. Joost, pink	.50	4.00

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H. E. MITTING, FT. DODGE GREENHOUSE CO.

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Carnations.

FIELD-GROWN STOCK.

Gen. Gomez, Mrs. Bradt and Glacier, strong stock, $6 per 100; Pingree and Argyle, $4 per 100.

ASPARAGUS SPRENGERI, strong stock, 2-inch, $3 per 100, 3 " 4 " 3½ " 6 " 4 " 10 "

F. DORNER & SONS CO.,

LA FAYETTE, IND.

CHRYSANTHEMUMS.

Stock plants. New and standard varieties. Send for list. Early varieties READY NOW.

CARNATIONS.

Field-grown plants all sold. Orders booked now for rooted cuttings of Genevieve Lord, the finest commercial pink to date. Ready Jan. 1st, $5 00 per 100; $10.00 per 1000. Correspondence with large growers specially invited.

H. WEBER & SONS, - OAKLAND, MD.

"IRENE"

The new Commercial Pink Carnation

Orders booked now.

Cuttings delivered soon as rooted.

Crabb & Hunter, Grand Rapids, Mich.

Chrysanthemum Col. D. Appleton.

This variety, which we introduced last spring, has proved to be a prize-winner in every respect, and is undoubtedly the finest yellow chrysanthemum grown to-day, either for commercial purposes or for exhibition. If you failed to secure a stock of it last spring, let us book your order at once, while you think of it, for a stock of this for next year. This is not a variety that can only be grown by experts, but it is one of the healthiest growers and the most easily grown of all the varieties. It is a wonderfully healthy grower, with the most perfect foliage, and can be grown to perfection under ordinary culture; it is as easily grown as any variety that we know of. It has a magnificent flower of large size, and meets all the requirements of a commercial and exhibition sort. Let us book your order at once for spring delivery. We can furnish fine plants of the true stock. Plants ready February 1, 1901. **Price, $8.00 per 100.**

LILY OF THE VALLEY

has now arrived, and we have filled all orders in hand, and have a small surplus. Advices from Europe are to the effect that the crop runs very much shorter than expected, and that prices have advanced, and it is doubtful if all orders will be filled in full. If you have not already secured your supplies, we would advise you to place your order without delay.

We offer **extra quality three-year old German** pips, first-class quality—**$22.50** per case 2,500 pips; in smaller quantities, **$10.00** per thousand. Our **Pierson's Premier** is a fine selected Valley for those who want a superior article at a moderate price. This is a grade that we sell largely. **$27.50** per case 2,500 pips; in smaller quantities, **$12.50** per thousand. **Pierson's Perfection,** an extra selected grade for those who desire the very finest Valley obtainable, and a grade that should be used for very early forcing. No better Valley can be supplied than this grade. It will produce the largest spikes, with the greatest number of bells, and will give the very largest percentage of first-class flowers; can be forced earlier than any other quality. **$32.50** per case 2,500 pips; in smaller quantities, **$15.00** per thousand. We are also in receipt of our importations of

.....SPIRÆA.....

Stock is in fine shape. We have a small surplus, and offer it as long as unsold at the following prices:

Extra fine, strong clumps especially grown for forcing,

JAPONICA	$8.00 per case 250 clumps;	less quantities, $4.00 per 100.
COMPACTA MULTIFLORA	9.00 per case 250 clumps;	less quantities, 4.50 per 100.
ASTILBOIDES FLORIBUNDA	9.00 per case 250 clumps;	less quantities, 4.50 per 100.

F. R. PIERSON CO., - - - Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

ROSES!

Perle **Sunset**
K. A. Victoria **Souv. de Wootton**
Strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000.

Brides **Golden Gate**
Bridesmaids **La France**
Bon Silene **Maid of Honor**
Duchess of Albany **Mermet**
Strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.

Strong, Field-Grown **CARNATIONS** Healthy Stock.

America, Gen. Maceo, Mrs. Geo. M. Bradt.
1st size, $8.00 per 100; $70.00 per 1000.
2d size, $6.00 per 100; $50.00 per 1000.

Melba, Gen. Gomez, Armazindy.
1st size, $7.00 per 100; $60.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Bon Ton, Frances Joost, Psyche.
1st size, $6.00 per 100; $50.00 per 1000.
2d size, $5.00 per 100; $45.00 per 1000.

Firefly, New York, Sea Shell, Victor, Thos. Cartledge, Alaska, Portia, Lizzie McGowan, Wm. Scott.
1st size, $5.00 per 100; $40.00 per 1000.
2d size, $4.00 per 100; $35.00 per 1000.

SMILAX. Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000.

TRADE LIST ON APPLICATION

WOOD BROS., FISHKILL, N.Y.

Mention The Review when you write.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

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GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

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THE MODEL PLANT STAKE CO.,

226 North 9th Street,
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THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., strong plants, $5.00 per 100.
Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum, mixed, 2-in., $2.00 per 100. Ref. Bradstreet or Dun. T. L. Metcalf, Hopkinsville, Ky.

ALTERNANTHERA.

Alternantheras, bright red, variegated and yellow, 50c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

20,000 alternantheras, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ARAUCARIAS.

We are headquarters for Araucarias. I have a large house full of them, purchased by my own selection on my trip to Belgium last September, and can offer you special prices. No seedlings. Raised from top cuttings only. 5-in. pots, 3 tiers, 10 to 13 in. high, 50 cents each. 5½-in. pots, 3 to 4 tiers, 12 inches and above, 60 cents each. 5½ and 6-in. pots, 3 to 4 tiers, strong plants, 12 in. and above, 75 cents each. 16 inches high and above, $1.00 each. Specimen 6-in. pots, 4 to 5 tiers, 22 to 24 in. high, $1.25 each. Araucaria Glauca, 6-in. pots, very fine, 18 to 25 in. across, $1.25 each. Cash with order.
GODFREY ASCHMANN, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, fine plants, well furnished, 3-4 tiers, $9.00 per doz., $65.00 per 100; 4-5 tiers, $12.00 per doz., $90.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Araucaria excelsa, 24-in., 4 to 5 tiers, $1.50; 30-in., 5 to 7 tiers, $2.00. Very heavy tiers and fine plants. Hession, Clarkson St., Brooklyn, N. Y.

Araucaria excelsa, fine plants, 4 tiers of leaves, $1.00 each; $10.00 per doz. The Good & Reese Co., Springfield, Ohio.

ASPARAGUS.

	Pot.	Doz.	100.
Plumosus Nanus	3-inch	1.00	8.00
Plumosus Nanus	4-inch	1.50	12.00
Sprengeri	2-inch	.60	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	5.00	
Sprengeri	8-inch	10.00	
Tenuissimus	3-inch	1.00	8.00

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.50 per 100, $65.00 per 1,000. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Sprengeri and plumosus nanus, extra strong stock from 2½-in. pots, ready for 3-in., $5.00 per 100; $40.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

Asparagus Comorensis, the best for strings. Fresh seed, $5.00 per 1,000, postpaid. So. Cal. Acclimatizing Association, Santa Barbara, Cal.

A. Sprengeri, strong stock, 2-in., $3.00, 3-in., $4.00, 3½-in., $6.00, 4-in., $10.00 per 100. F. Dorner & Sons Co., LaFayette, Ind.

A. Sprengeri, 2½-in., strong plant, $2.50 per 100; $20.00 per 1000. The Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri, 2-in. pots, $2.50; A. plumosus, 2-in. pots, $3.50 per 100 Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. MeGregor Bros., Springfield, Ohio.

A. Sprengeri, 2½-in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

1,000 A. Sprengeri, 4-in., $1.00 per doz.; $7.00 per 100. Ben. L. Elliott, Cheswick, Pa.

A. plumosus nanus, 3-in., fine stock, $7.00 per 100. N. Smith & Son, Adrian, Mich.

A. plumosus, strong 3-in., $6.00 per 100; 4-in., $10.00 per 100. H. Hills, Elkhart, Ind.

XX Sprengeri, 3 sizes, low prices. Write Roney Bros., West Grove, Pa.

A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Special prices for immediate orders. Fine bushy crowns, well set with buds:

	Doz.	100.
10 to 12 in. in diameter	$ 4.50	$ 35.00
12 to 14 in. in diameter	6.00	45.00
14 to 16 in. in diameter	7.50	55.00
16 to 18 in. in diameter	12.00	90.00
18 to 20 in. in diameter	25.00	200.00
20 to 24 in. in diameter	36.00	300.00

These prices include duty, packing and delivery in good condition to any express, freight or steamship line in Philadelphia.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Azeleas—Received 20,000 in the best New York market varieties, sizes as follows:

	Doz.	100.	1,000.
8-10 inches diam	$ 3.50	$27.50	$250.00
9-11 inches diam	4.00	30.00	285.00
10-12 inches diam	4.50	35.00	325.00
12-14 inches diam	6.00	42.50	400.00
14-16 inches diam	7.50	55.00	525.00
16-18 inches diam	12.00	90.00	

Large plants, $1.25, $1.50, $2.00, $3.00 each. Send for our special price list of bulbs.
BOBBINK & ATKINS, Rutherford, N. J.

Azaleas Indica, large stock, my own selection while in Ghent, 10 to 12 inches, 35 cents each. Larger sizes, 40 cents and 50 cents each. Specimen plants, Mme. Van der Cruyssen, $1.75 and $2.00 each. Leading American varieties, such as Mme. Van der Cruyssen, Bernhard's Andrea Alba, Deutsche Perle, Empress of India, Prof. Walter, Simon Mardner, Vervaeneana and others. Cash with order.
GODFREY ASCHMANN, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Begonias. Semperflorens Giganteum, best blooming Winter Begonia, 6-in. pots, 25 cents to 35 cents each. President Carnot, 5-in. pots, 25 cents each. Other Winter-blooming Begonias, leading varieties, 4-in. pots, 7 cents each. Cash. Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Alba picta, Argenta guttata, Feasti and Marguerite begonias, $2.50 per 100. Nice plants, satisfaction guaranteed. J. W. Yates Plant Co., Springfield, Ohio.

For varieties and prices of fine specimen plants for Thanksgiving and Christmas see display ad in this issue. Cottage Gardens, Queens, N. Y.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Begonia Rex, 3-in., in good assortment, $6.00 per 100. N. Smith & Son, Adrian, Mich.

BERRIED PLANTS.

Solanum (Jerusalem Cherries), full of berries, 7-in. pots, large plants, 25 cents each; with or without pots. Cash. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BULBS.

SPECIAL OFFERS FORCING BULBS.
HYACINTHS.

	12.	100.	1,000.
French Roman, 12x15	$ .20	$1.60	$15.00
Dutch Roman, named	.30	2.50	24.00
Dutch in separate colors	.55	4.00	38.50
Dutch finest named sorts	.85	6.00	

NARCISSUS.

	12.	100.	1,000.
Paper White, true grandiflora	$ .15	$ .75	$ 6.00
Von Sion, double nosed, extra size	.25	1.60	15.00
Von Sion, large size	.20	1.40	12.00
All sorts, Polyanthus, single, double and Trumpets, mixed	.15	.90	7.50

TULIPS. La Reine, Keizerskroon, Cottage Maid, per 100, $1.00; per 1,000, $9.00. Joost V. Vondel, La Candeur, 100, 90c.; 1,000, $8.00. All other popular sorts at very reasonable prices. Mixed finest single, 100, 85c; 1,000, $7.00. Write us for prices.

	100.	1,000.
CROCUS. Finest large, separate colors	$0.30	$2.25

LIL. LONGFL, 5x7, 100, $2.00; 1,000, $18.00; 6x8, 100, $3.00; 7x9, 100, $5.00; 1,000, $40.00.
READY, Auratum, Rubrum, Album.
CALLA. Spotted, 12, 50c; 100, $3.00.
H. H. Berger & Co., 47 Barclay St., New York.

Bermuda-grown Longiflorum, in splendid shape, 350 bulbs to the case, $14.00 per case. Lilium Harrisii, fine stock, bulbs are plump, bright and clean, 5-7's, 400 bulbs to case, $16.00 per case, 7-9's, 200 bulbs to case, $18.00 per case, as long as unsold. White Roman Hyacinths, extra quality, 12-15 cm., in case lots, 2,100 bulbs to the case, $16.00 per 1,000. Paper White Narcissus, case lots, about 1,300 bulbs to case, $7.50 per 1,000, 5 per cent discount when cash is remitted with order. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Bulbs! Bulbs! White Romans, 12-15, at $1.60 per 100. Double Nosed Von Sion (large), $1.80 per 100. Paper Whites, at 90c per 100. Harrisii, 5-7, at $5.00 per 100; 7-9, at $10.00. Lilium Longiflorum, large flowering, 7-9, at $6.00 per 100. Special prices on Dutch Hyacinths and Tulips.
The Vail Seed Co., Indianapolis, Ind.

Bulbs now ready, Lilium Longiflorum, Japan, 5 to 7 in., $2.00 per 100, $18.00 per 1,000; 6 to 8 in., $3.00 per 100, $27.00 per 1,000; 7 to 9 in., $4.50 per 100, $40.00 per 1,000; 9 to 10 in., $90.00 per 1000. Lilium Harrisii, 7 to 9 in., $8.00 per 100; $75.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs. Closing-out sale. Freesias, $2.00, extra large, $3.50 per 1,000. Trumpet narcissus, 75c per 100; $6.50 per 1,000. Princeps, 75c per 100; $6.00 per 1,000. A few 5-7 Harrisii, $3.00 per 100. Griffith & Turner Co., Seedsmen, Baltimore, Md.

	Per 100.	Per 1,000.
Amaryllis formossissima	$2.00	$18.00
Tigridia and bessera elegans	1.00	9.00
Milla and cyclobothra	1.00	7.00

Parcel-post paid. J. A. McDowell, City of Mexico.

Callas, 1¼ to 1½-in. diam., 75c per doz., $5.00 per 100; 1½ to 1¾ in. diam., $1.25 per doz., $7.00 per 100. The Good & Reese Co., Springfield, O.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcisaus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

Two-year-old Hippeastrum (Amaryllis), of a very fine strain, $10.00 per 100. Cash. A Roedder, Shorb, near Los Angeles, Cal.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1,000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

Old Man's Head cactus, 5-6 in., $3.00 doz. Collection of 25 var., $3.00 postpaid. J. A. McDowell, City of Mexico.

CANNAS.

Cinnebar, 35c each, $3.00 per doz. Miss Kate Gray, 25c each; $2.50 per doz. Black Beauty, true, $2.00 per doz. Cottage Gardens, Queens, N. Y.

CARNATIONS.

Strong, field-grown carnations, healthy stock. America, Gen. Maceo, Mrs. Bradt, 1st size, $8.00 per 100, $70.00 per 1,000; 2nd side, $6.00 per 100; $50.00 per 1,000. Melba, Gen. Gomez, Armazindy, 1st size, $7.00 per 100; $60.00 per 1,000; 2nd size, $5.00 per 100; $45.00 per 1,000. Bon Ton, Joost, Psyche, 1st size, $6.00 per 100; $50.00 per 1000; 2nd size, $5.00 per 100; $45.00 per 1,000. Firefly, New York, Sea Shell, Victor, Cartledge, Alaska, Portia, Lizzie McGowan, Scott, 1st size, $5.00 per 100; $40.00 per 1,000; 2nd size, $4.00 per 100; $35.00 per 1,000. Wood Bros., Fishkill, N. Y.

A few hundred of our new seedling, Russell, the strongest plant and most prolific pink carnation we ever had. After 4 years' trial we have discarded Scott and planted this. Extra large plants, now in cold-frame, $1.50 per doz., $5.00 per 100. Address Chas. Black, Hightstown, N. J.

Cheap to close out quick. Hill, Scott, Eldorado, White Daybreak and a few plants of other kinds. Write me for what you want. I can use some 1, 1¼ and 2-in. pipe in exchange. My plants are very fine, clean and healthy. W. H. Watson, Lapeer, Mich.

Carnations in A1 shape. Eldorado, Dana, Evanston, Portia, Scott, $3.00 per 100. Booking orders for cuttings of Lawson, Crocker, Lord, Marquis, Olympia, Estelle and Elm City at 25 per cent discount until Dec. 1. Dana R. Herron, Olean, N. Y.

Strong field-grown carnations. Jubilee, very best red; Albertini, best pink; McGowan, best white; also a few hundred Daybreak and Flora Hill, $4.00 per 100. Cash with order. State shipment.
Ed. Kirchner, Winona, Minn.

Clean, strong, field-grown plants of Eldorado, McGowan, Gold Nugget, Nivea, Portia, Victor, Dana, Bridesmaid, Evanston, K. Clover, Jubilee, Daybreak, at 3c each as they run. Cash. E. A. Llewellyn, Olean, N. Y.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

350 McGowans, 150 Kohinoors, 125 Pingrees and 25 Portias; fine, healthy, field-grown; $2.50 per 100, or the lot for $14.00, to close surplus quickly. Geo. M. Brinkerhoff, Springfield, Ill.

Carnation Peru, best winter blooming white to date. Rooted cuttings, $5.00 per 100; $35.00 per 1,000. A dozen fancy blooms sent on receipt of 60c. H. Roth, Lafayette, Ind.

Field-grown stock. Gen. Gomez,, Mrs. Bradt, Glacier, strong stock, $6.00 per 100. Pingree and Argyle, $4.00 per 100. F. Dorner & Sons Co., La Fayette, Ind.

Number 666 has been christened Prosperity and will be disseminated March, 1901. For full particulars address Dailledouze Bros., Flatbush, Brooklyn, N. Y.

Root your own carnation cuttings. For list of varieties and prices see display ad in this issue. H. E. Mitting, Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Albertini, Tidal Wave, Armazindy and Triumph, field-grown, $4.00 per 100; $35.00 per 1000. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Clean, strong, field-grown carnations. 5,000 Scott, 4,000 McGowan, $3.00 per 100. Cash with order. Alex. Schultz, Phillipsburg, N. J.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Carnation plants. 150 Iris Millers, 200 Albertinis, 400 Scotts, extra large plants, $6 per 100. Evenden Bros., Williamsport, Pa.

Good Scott carnation plants from the field, $4.00 per 100; $35.00 per 1000.
Charles E. Meehan, Germantown, Phila., Pa.

Eldorado, Scott, McGowan, Portia, field-grown, strong and healthy, $5.00 per 100. Geo. F. Curwen, Villa Nova, Pa.

1000 each of Portia, McGowan and Scott. Fine, strong plants at $5.00 per 100. West End Floral Co., Belleville, Ill.

Rooted carnation cuttings. All the best varieties.
Geo. Hancock & Son, Grand Haven, Mich.

10,000 carnation wire supporta; have been in use three years; cheap for cash.
Ben L. Elliott, Cheswick, Pa.

Field-grown, extra-fine carnation plants of McGowan, Scott and Portia, $3.00 per 100.
J. C. Murray, Peoria, Ill.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

Field plants all sold.
H. Weber & Sons, Oakland, Md.

CHRYSANTHEMUMS.

Chrysanthemums, without pots. L. Canning, white, 6-in. pots, 5 to 8 branches, disbudded, $1.50 per doz. Other good varieties, bushy plants, 5 to 6-in. pots, $1.20 per doz.; 4-in. pots, 75 cents per doz. (If pots are wanted add, 2 cents each.) Cash. Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanariva and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

Chrysanthemum stock plants, from bench, 5c each. Pacific, Chalfant, Ivory, Queen, Childs, Philadelphia, M. Wanamaker, Domination, Indiana, Bonnaffon, Yanoma. Early sorts now ready. Joseph E. Bonsall, Salem, Ohio.

Stock plants of Glory of Pacific and G. Bramhall, $3.00 per 100. Satisfaction guaranteed. Other varieties later. Write for list. Geo. L. Miller, Newark, Ohio.

Stock plants of yellow Fitzwygram, earliest yellow, 10c each; $1.00 per doz. 35 standard var. at 5c. Cash. Cottage Greenhouses, Litchfield, Ill.

Stock plants ready now. Bergman, Kalb and Glory of Pacific, $1.00 per doz. Crabb & Hunter, Grand Rapids, Mich.

Stock plants of all the best sorts. Send for list. N. Smith & Son, Adrian, Mich.

CINERARIAS.

Cinerarias, 2¼-in., $3.00 per 100. Greene & Underhill, Watertown, N. Y.

Cineraria grandiflora, 2¼-in., $2.00 per 100. J. W. Miller, Hatton, Pa.

CISSUS.

Cissus discolor, pretty plants, 3-in. pots, $4.00 per 100.
McGregor Bros., Springfield, Ohio.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CLIMBERS.

20,000 Clematis paniculata, 2 years, open ground and pot grown; 10,000 Ivies, 1 year, from open ground; 10,000 Ampelopsis Veitchii, 1 year, pot grown; 10,000 Hall's Honeysuckle, very strong; 5,000 Evergreen and Golden Honeysuckles, very strong; 10,000 Rosa Wichuraiana, 1, 2 and 3 years; 3,000 Wichuraiana, hybrids; 2,000 Actinidia arguta; Wistaria and other vines.
The W. H. Moon Co., Morrisville, Pa.

COLEUS.

A big bargain in coleus from now until Jan. 1, 1901. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail 10c. Geo. L. Miller, Newark, Ohio.

The newest sorts and only those of decided merit, 2½-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Coleus, mixed, 2-in., $2.00 per 100. Ref. Bradstreet or Dun. T. L. Metcalf, Hopkinsville, Ky.

Golden Bedder and Crimson Verschaffeltii, rooted cuttings, 60c per 100, postpaid.
E. A. Wallis, Jenkintown, Pa.

Coleus, 10 varieties, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

Cyclamen. Fine plants from 2½-in., $4.00, 3-in., $6.00, 4-in., $10.00, 5-in., $15.00 per 100. Jno. E. De Walt, Box 82, Carlisle, Pa.

Cyclamen giganteum, 2¼-in., $4.00; 3-in., $6.00; 3½-in., $10.00; 4-in., $12.00; 5-in., $25.00 per 100. C. L. Osborn, Sidney, Ohio.

Cyclamen, 3-in., ready for 5-in., $8.00 per 100; 4-in., $12.00 per 100. Ready to bloom for Christmas. C. Winterich, Defiance, Ohio.

Cyclamen, fine plants, fine strain, 4-in., ready for 5's, $10.00 per 100. Cash with order. W. G. Richardson, Bennington, Vt.

Fine, healthy plants, 4-in., $8.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

DAHLIAS.

Cactus and other Dahliaa for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

Send in your order now for a copy of the Florists' Manual.

DAISIES.

Snow Crest, rooted cuttings, $2.00 per 100; 2¼-in., $4.00; 3-in., $6.00. Greene & Underhill, Watertown, N. Y.

Marguerites, white, yellow and blue, 2½-in., 75c per doz.; rooted cuttings, 25c. A. & G. Rosbach, Pemberton. N. J.

DRACAENAS.

Dracaena Latmicra, 5½-in. pots, 24 in. high, most favored house dracaena, 50 cents each. Dracaena Indivisa, specimen plants, imported, 6-in. pots, 30 to 36 in. high, 40 cents each. Cash. Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Dracaena terminalis, 3½-inch, $2.00 per doz., $15.00 per 100; 4-inch, $4.00 per doz., $30.00 per 100; 5-inch, $6.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Dracaena fragrans, 18-in., $1.00, 22 to 24 in., $1.50, perfect, cool-grown, A1 plants. Hesaion, Clarkson St., Brooklyn, N. Y.

Good, strong, field-grown dracaenas, ready for 6-in., $10.00 per 100. Wm. Schlatter & Son, Springfield, Mass.

Dracaena indivisa. 3-in. pot size, $1.00 per doz. A. & G. Rosbach, Pemberton, N. J.

ERICAS.

ERICAS. Now ready for delivery. Erica fragrans. Christmas variety, small plants, $10.00 per 100. 2-year-old, set with buds ready for Christmas forcing, $50.00, $75.00 and $100.00 per 100. Larger plants, up to $5.00 each. Erica Wilmoreana, well set with buds for Christmas, $50.00 and $75.00 per 100.

Varieties which will bloom after Christmas and for Easter—Erica cupressina, the best, $75.00 and $100.00 per 100. Erica pers. alba, $6.00 and $9.00 per doz. Erica pers. rosea, $6.00 and $9.00 per doz.

Small plants for ferneries, etc., which will bloom this fall and winter—Erica pers. rubra, $10.00, $15.00 and $20.00 per 100, 3½ in.; pink, Erica, gracilis autumnalis, $20.00 per 100; pink, Erica pers. alba, $8.00, $10.00 and $15.00 per 100. Erica pers. rosea, $8.00, $10.00 and $15.00 per 100.

Cash with order from unknown parties. When ordering add to a $10.00 order 50c for packing; $25.00, $1.00; $50.00, $1.50; $75.00, $2.00; $100.00, $2.50.

Anton Schultheis, P. O. Box 78, College Point, Queens Borough, New York City.

FERNS.

Our stock is large than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Pteris Serrulata	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Pteris umbrosa cristata	2-inch	.50	4.00
Pteris cretica albo-lineata	2-inch	.50	4.00
Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	4-inch	2.00	
Nephrolepis Bostoniensis	5-inch	3.00	
Nephrolepis Bostoniensis	6-inch	6.00	
Nephrolepis Bostoniensis	7-inch	9.00	
Nephrolepis cord. comp.	5-inch	2.00	15.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston Ferns:

	Each.	Dozen.
6-inch pots	$0.50	$ 6.00
6-inch pots, heavy	.75	9.00
8-inch pans	1.00	12.00
8-inch pans, heavy	1.25	15.00
10-inch pans	2.00	
10-inch pans, heavy	2.50	
12-inch pans	3.50	
12-inch pans, heavy	$4.00 to 5.00	

JOHN WELSH YOUNG, Germantown, Philadelphia.

Big Boston ferns; pot-grown, ready for 8, 9 and 10s; 20 to 30 fronds, two to three feet long. There is money in them for you as they are just what you want for your fall trade. 1st size $1.00, 2nd size 75c each. Get them while they are going. A. J. Baldwin, Newark, Ohio.

Fern spores. We are headquarters. Extra large pkt., sufficient for 3,000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00 postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

N. cordata compacta, old plants from bench, $5.00 per 100; large plants, $1.00 per 100. Will exchange 100 old plants for 50 stock plants each M. de Layer and Mrs. E. G. Hill geraniums. Cash with order.
H. P. Smith, Piqua, Ohio.

Adiantum Farleyense. Nicely furnished specimens. Quality the best. 5-in. pots, $12.00 per doz.; 4-in. pots, $6.00 per doz.; 3-in. pots, $3.00 per doz.; 2½-in. pots, $15.00 per 100
J. A. Peterson, 405 Race St., Cincinnati, Ohio.

Polystychum prolifera (Lace fern), 3-in. pot size, $1.00 per doz.; mailing size, 35c. Selaginella Emmeliana, 2½-in. pots, 50c per doz. A. & G. Rosbach, Pemberton, N. J.

Boston Ferns from 2½-in. pots, $3.00 per 100; $25.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

Boston ferns, the true variety. Per 100 small plants from bench, $1.00; 7,000 2-in., $2.50; 1,000 3-in., $5.00; 1,000 4-in., $8.00; 500 5-in., $15.00; 500 large plants from bench, ready for 6 and 7-in., $20.00. Davis Bros., Morrison, Ill.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1,000; largest size, $6.00 to $20 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Japan Fern Balls. Due in December. Send orders now for these great money makers. Send for our new price list for winter and spring. H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns from bench, suitable for 4 and 5-in. pots, at $15.00 and $20.00 per 100; 5-in. pots, $4.00 per doz. N. cordata compacta, 2¼-in. pots, $3.00; 3-in., $5.00 per 100.
Chas. Schweigert, Niles Center, Ill.

15,000 extra fine Boston ferns in all sizes of pots now ready for shipment. Write for prices.
Geo. A. Kuhl, Pekin, Ill.

Jardiniere ferns, elegant stock, $3.00 per 100; $25.00 per 1,000. J. B. Heiss, Dayton, Ohio.

Boston ferns, true, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

FICUS ELASTICA.

Ficus Elastica (rubber plants). Have 1,500, imported last spring; 5½-in. pots, 12 in. high, 10 to 12 leaves, $3.50 per doz; 5½ to 6-in pots, $4.00 per doz. Specimen plants, 6-in. pots, $5.00 per doz. Small plants, 4-in. pots, 20 cents to 35 cents each. Cash with order. Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$ 60.00
7	24 to 28	14 to 16		10.00	75.00
8	28 to 34	16 to 18		12.00	100.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ficus elastica, in fine condition, grown in 6-in. pots, $4.00 per doz.
C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Ficus elastica, perfect specimens, 15-18 inches high, $3.25 per doz.; $25.00 per 100. The Good & Reese Co., Springfield, Ohio.

FORGET-ME-NOTS.

Forget Me Nots (winter), 2-in., $3.00; 4-in., very strong, $10.00 per 100; rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

FRUIT PLANTS.

5,000 currant and gooseberry bushes; 4 varieties; well rooted, thrifty stock, $1.00 to $3.00 per 100. Write for particulars.
H. T. George, Saltsburg, Pa.

All varieties of fruit trees and every one warranted true to name.
W. W. Pullen, Milford, Del.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1000. P. J. Berckmans Co., Augusta Ga.

GERANIUMS.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Strong 2-in., mixed, $1.50 per 100. Rooted cuttings of Bruanti and Heteranthe, $1.25 per 100; $10.00 per 1,000. Mme Saleroi, 2½-in., $1.50 per 100; 2-in., $1.25. Rose geraniums, rooted cutting, $1.00 per 100. South Side Floral Co., Springfield, Ill.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Geraniums, 100,000 rooted cuttings, send for prices. Greene & Underhill, Watertown, N. Y.

Rooted cuttings, new and old varieties, mixed, $1.00 per 100. Also lantanas, salvias, heliotropes and abutilons, 60c per 100. H. Millingar, Merchantsville, N. J.

30,000 geraniums—Beaute Pointevine, Mme. Jaulin, Ricard, S. A. Nutt and Dbl. Grant. Rooted cuttings, $15.00 per 1,000. J. B. Shurtleff, Jr., Revere, Mass.

New geraniums, including Jean Viaud and other choice sorts. N. Smith & Son, Adrian, Mich.

Bruanti, nice plants, $2.00 per 100. J. W. Yates Plant Co., Springfield, Ohio.

HARDY PLANTS.

40,000 American filberts (Corylus americana), or hazlenuts; nice, collected plants, 3 to 5 ft., well packed; F. O. B., $6.00 per 1,000; 4 to 7 ft., $8.00 per 1,000. Also white flowering dogwood, red ozier dogwood, tulip poplar (common elder), sweet ghum and red bud, all nice collected seedings, same sizes and prices as above for immediate orders. Send for my trade list of tree and shrub seeds and seedlings. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilia paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas. S. Dutton, 85 West 12th St., Holland, Mich.

CALIFORNIA PRIVET. Strong plants, 2 to 2½ ft., $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000; 5-ft. high, for screens, $7.50 per 100. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

California Privet. Strong, stocky plants as follows: 20 to 30-in., 2 yrs., good, $2.50 per 100, $20.00 per 1000; 2 to 3 ft., fine, $3.00 per 100, $25.00 per 1000; 3 to 4 ft., extra fine, $4.00 per 100, $35.00 per 1000; 4 to 5 feet, very heavy, $5.00 per 100. All packed free of charge.
Chas. Black, Hightstown, N. J.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Fieldgrown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Choice shrubbery at lowest surplus prices. All first-class transplanted stock. Also evergreens and shade trees, cheap. E. S. Peterson & Sons, Box 20, Montrose, N. Y.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Fruit and ornamental trees, shrubs, vines and roses. Write for price list or send your lists of wants for special prices.
W. & T. Smith Co., Geneva, N. Y.

Wonderful bargains in hardy herbaceous plants. Heavy undivided stock, $3.00 per 100. For varieties see display adv. in this issue.
Edw. B. Jackson, Stamford, Conn.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

American tree seeds. Our descriptive catalogue of American seeds is just out. Ask for it. Pinehurst Nurseries, Pinehurst, N. C.

Honeysuckles, Halls and Belgica, 2 years old, field-grown, $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Rudbeckia. 2,000 Golden Glow, from 1 to 2 crowns, at $2.50 per 100. Cash. Jos. Dunn, Orrs Mills, N. Y.

California privet, 2 to 3 ft., $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

HELIOTROPE.

Heliotrope, fine plants for Xmas blooming, without the pots, $5.00 per 100. Cash. Godfrey Aschmann, 1012 Ontario St., Philadelphia, Pa.

Heliotrope, mixed, 2-in., $2.00 per 100. Ref. Bradstreet or Dun. T. L. Metcalf, Hopkinsville, Ky.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.50 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 50c per doz.; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, Red-Branched and Thos. Hogg, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

Otaksa, strong plants, $15.00, $20.00, $25.00 per 100. Bobbink & Atkins, Rutherford, N. J.

IVIES.

English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1757 Buckingham Place, CHICAGO.

English ivy, extra good, 2½-in., $3.00 per 100; $25.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

English ivy, strong 2½-in., $2.50 per 100. Cash. Roney Bros., West Grove, Pa.

JASMINE.

Jasminums: Maid of Orleans, Grand Duke, Grandiflora, Sambac or Arabian, Revolution, strong, thrifty plants, 3-in. pots. $6.00 per 100. Nanz & Neuner, 582 Fourth Ave., Louisville, Ky.

LANTANAS.

Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

LEMONS.

Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100. Strong plants ready to bloom at once, $1.50 per doz.
Good & Reese Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., $4.50 per 100; $40.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Cattleya citrina, Laelia anceps, L. alba, L. Majalis, L. autumnalis, $24,00 per 100. Parcel-post paid. J. A. McDowell, City of Mexico.

PÆONIES.

We have 100 named double varieties, selected for florists' use; all good for cut flowers. 1 each of 100 varieties, $15.00; 1 each of 50 varieties, $6.00; 1 each of 25 varieties, $3.00 Standard red, pink and white $1.20 per doz.
Indianapolis Flower & Plant Co., Indianapolis, Ind.

PALMS, ETC.

Corypha Australis, hardiest palm of all. Have 500 of them in 5-in. pots, 12 to 18 in. high, 45 cents each. Kentia Belmoreana, 5--in. pots, 18 in. high, bushy, 65 cents each. Kentia Forsteriana, 5-in. pots, 36 in. high, 75 cents each. Latania Borbonica, 6-in. pots, very fine, at the rate of $6.00 per doz. Cash with order.
Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	
8	42 to 48	6	3.25	39.00	300.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	.....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	.....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	$2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	.....	.....	.....	$3.00
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6	extra fine		18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100
1 plant	2¼	8-10	$15.00
1 plant	3	10-12	20.00
1 plant	4	18 each	.50
3 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	3.00	each

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

Chamaerops, extra, 18-24 in. high, 4-6 char. lvs., $12.00 per 100. Phoenix canariensis, 2-in. pots, very strong, $6.00 per 100. Large, very fine Phoenix, dracaenas and chamaerops, from 4 to 15 ft. high, in boxes or from open ground, price on application. Sabal Blackburniana, 2-in., $5.00 per 100. Cash. A. Roedder, Shorb, near Los Angeles, Cal.

We are crowded for space and offer great bargains in palms. Latanias, 3-in., $1.00 per doz., $7.00 per 100; 4-in., $2.00 per doz.; 5-in., $4.00 per doz.; 6-in., $8.00 per doz. Phoenix reclinata, extra strong, 6-in., $8.00 per doz.
Brown & Canfield, Springfield, Ill.

Pandanus Veitchii, 7-in. pots, beautifully shaped, variegated, $2.00 each. Pandanus Veitchii, 4-in. pots, $50.00 per 100. Large specimens, $3.00 to $5.00 each. Quality the best.
J. A. Peterson, 405 Race St., Cincinnati, O.

Extra selected stock of Kentias Belmoreana and Forsteriana, 2½-in., $8.00 per 100. Latania Borbonica, 3½-in., $7.00 per 100; 4-in., $15.00 per 100. Harms Park Floral Co., Berteau Ave., near Western, Chicago.

Latania borbonica, extra fine stock. 7-in., 9 lvs., $12.00 per doz., 25 for $22.00; 6-in., 7 lvs., $8.00 per doz., 25 for $15.00; 5-in., 6 lvs., $5.00 per doz., 25 for $9.00.
Critchell's, Cincinnati, Ohio.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
McGregor Bros., Springfield, Ohio.

Kentias Belmoreana and Forsteriana, extra fine stock, $12.00 to $24.00 per doz. Bobbink & Atkins, Rutherford, N. J.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

PALM SEED.

Palm Seeds, fresh on hand. Chamaerops Excelsa (in 10-lb. lots at 30c.), per lb., 40c.; Washingtonia Robusta, per lb., 75c.

	Per 100	1,000	5,000
Erythea Edulis (Brahea Edulis)	50c.	$4.00	$18.00
Phoenix Canariensis	50c.	2.00	
Phoenix Reclinata	25c.	2.00	8.75

Germain Seed & Plant Co., Los Angeles, Cal.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Strong plants ready now. Strain remarkable for size and color of bloom. By mail 50c per 100; by express $3.00 per 1000. E. Fryer, Batavia, Ill.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansy plants, to grow for bloom, $1.00 per 100. Morris Floral Co., Morris, Ill.

Pansy plants, choicest of all, $4.00 per 1000.
C. Winterich, Defiance, Ohio.

PELARGONIUMS.

Strong plants in 2½-in. pots in the following varieties: Mme. Thibault, Mrs. Robt. Sandiford, Lord Salisbury, Kingstone, Beauty, Mrs. Bradshaw, Wonder, etc., 50c per doz.; $4.00 per 100.

Our collection of 10 different varieties, 2 of each, correctly labeled, by mail postpaid for $1.00 cash with order. Mrs. Thomas Lawrence, Ogdensburg, N. Y.

New ivy-leaved pelargonium, Leopard, 50c each, $5.00 per doz., $17.50 per 50. Cottage Gardens, Queens, N. Y.

PETUNIAS.

Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Price: Well sorted cuttings, $1.25 per 100 postpaid; $10.00 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

PRIMROSES.

Chinese Primroses, bushy plants, 4-in. pots, that will bloom at Xmas, at the rate of $6.00 per 100. Cash. Godfrey Aachmann, 1012 Ontario St., Philadelphia, Pa.

Primroses. A1 plants from 2¼-in., $2.00 per 100, 35c per doz.; 3-in., $5.00 per 100. All will bloom for Christmas. Jno. E. De Walt, Box 82, Carlisle, Pa.

Chinese primroses, red, white and mixed, 3-in., $2.50; 4-in., $4.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Latest improved, large-flowering, 2¼-in., $1.50; 3-in., extra strong, $4.00 per 100. Cash.
J. W. Miller, Hatton, Pa.

Chinese, mixed, 2½-in., $1.60 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

Baby Primrose, 2¼-in., $4.00 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Chinese, large-flowering, 2-in., $1.25 per 100.
Jos. H. Cunningham, Delaware, Ohio.

ROSES.

Strong field-grown roses. American Beauty. La France, $20.00 per 100; Brides, Maids, $10.00 per 100; Perles, $12.00 per 100. These plants will fill 6 to 8-in. pots; were formerly grown on benches. Strong field-grown Kaiserins, for 6-in. pots, $12.00 per 100. Cash with order. A. Waldbart, Hamilton Ave. & Horton Pl., St. Louis.

Perle, Sunset, K. A. Victoria, Wootton, strong, clean plants, from 3-in. pots, $7.00 per 100; $65.00 per 1000. Bride, Maid, Golden Gate, La France, Bon Silene, Maid of Honor, Duchess of Albany, Mermet, strong, clean plants, from 3-in. pots, $6.00 per 100; $55.00 per 1000.
Wood Bros., Fishkill, N. Y.

25,000 2-year-old roses potted in 4 and 5-in. pots and 250,000 in 2½-in. that must be sold at once. For varieties and prices see display ad in this issue. R. H. Murphey & Son, Urbana, Ohio.

Three medals in three weeks were awarded the new rose "Queen of Edgely." Plants ready for distribution April, 1901. Address The Floral Exchange, 335 N. 6th St., Philadelphia.

4,500 2-year-old roses. Who wants them at 5c. each, or $45.00 per 1,000. Send for list of varieties. Samples for 50c.
Jos. Lalhr & Son, box 280, Springfield, Ohio.

Per 100: Beauties and Maids, 3-in., $3.00; Meteors, 3½-in., extra strong, $4.00; President Carnot, 4-in., $7.00. All strong, healthy plants.
Brown & Canfield, Springfield, Ill.

Marechal Niel roses, 15 inches and over in height, healthy plants, $4.00 per 100; $35.00 per 1000. Good & Reese Co., Springfield, Ohio.

Kentucky field-grown roses. For varieties and prices see display ad in this issue. Nanz & Nuner, 582 Fourth Ave., Louisville, Ky.

Roses for the South. Varieties best adapted for southern planting, stock A 1. Write for price list. J. B. Heiss, Dayton, Ohio.

Field-grown American Beauties, 3 years old, $15.00 per 100; $125.00 per 1,000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00.
A. S. MacBean, Lakewood, N. J.

Strong 2½-in. Brides and Maids, $2.00 per 100. South Side Floral Co., Springfield, Ill.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIAS.

The two new Russelias, Lemoinei multiflora and Lemoinei elegantissima, 50c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. South Side Floral Co., Springfield, Ill.

Salvia Clara Bedman, dwarf, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SEEDS.

A. Sprengeri, fresh seeds, $4.00 per 1,000. Cyclamen, English Giants, seven distinct named sorts, 100s each $1.00; the collection for $6.50. Cyclamen, German Giants, pure white, 75c per 100s; bright red, rose, white with eye, 60c per 100s. A. Rolker & Sons, 52 Dey St., N. Y.

Seeds. Cyclamen giganteum, 50c per 100 seeds. Smilax, 30c per oz. Hollyhock, Chaters Superb, mixed, 50e per oz. Pansy, Trimardeau, $2.00 per 100; G. & T. Co.'s Best, $4.00 per oz. Sweet Peas, 30c per lb. Griffith & Turner Co., Seedsmen, Baltimore, Md.

Seeds. Fresh crop 1900. Sweet Pea, early forcing sorts, 25c a lb. Smilax, oz., 30c; lb., $2.50. Asp. Sprengeri, 100, 50c; 1,000, $4.00. H. H. Berger & Co., 47 Barclay St., New York.

Choice, hand-fertilized, pedigree carnation seed grown from all the leading varieties, 100 seeds, 25c; 1000 seeds, $2.00; 500 at 1000 rate. Try it. S. Lenton, Box 264, Long Beach, Cal.

Alfalfa and Timothy seed. We received the highest award at the Paris Exposition for these specialties. C. A. Smurthwaite Produce Co., Ogden, Utah.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Cobea scandens, 25c per oz.; $3.00 per lb. Postpaid. J. A. McDowell, City of Mexico.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Good bushy plants from 2 and 2½-in. pots; must sell, $5.00 per 1,000; 75c per 100. Write for sample. R. Kilbourn, Clinton, N. Y.

Strong plants, from 2¼-in. pots, $2.50 per 100; $18.00 per 1000. Wood Bros., Fishkill, N. Y.

Smilax plants, 3-in., $3.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Smilax, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SPIRAEA.

Spiraea, field-grown. Blue, $3.00; crimson, $4.00 per 100. Cash. Roney Bros., West Grove, Pa.

STEVIA.

Stevia, 7 and 8-in. pots, 20 to 25 shoots, $1 50 per doz. C. C. Pollworth Co., Milwaukee, Wis.

VEGETABLE PLANTS.

Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1000, $8.50 per 10.000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1.000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1.000. Cauliflower—H. Snowball. 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

Lettuce plants, fine, from cold-frames, 25c per 100. Express prepaid on orders for 400 or over. Cash. Cottage Gardens, Litchfield, Ill.

VERBENAS.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

The finest set of verbenas in America. 25 grand sorts, strong 2-in., $2.00 per 100. Rooted cuttings, 60c per 100; $5.00 per 1,000. South Side Floral Co., Springfield, Ill.

Lemon verbenas, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca (trailing), green and variegated, 4-in., 75c per doz., $6.00 per 100; 3-in., 60c per doz., $4.50 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Vincas, 2¼-in., $3.00; 3-in., $5.00; 4-in., $10.00; 5-in., $15.00; rooted cuttings, $1.25 per 100; $10.00 per 1,000. Cash.
Greene & Underhill, Watertown, N. Y.

Vincas, variegated, strong field-grown, extra fine plants, $6.00 per 100. C. C. Pollworth Co., Milwaukee, Wis.

Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

Vincas, field-grown, $3.00 and $4.00 per 100. W. F. Kasting, 481 Washington St. Buffalo, N. Y.

Major var., strong field-clumps, 8 to 10 vines, 2 to 4 feet long, $4.00 per 100. Cash.
Dann & Son, Westfield, N. Y.

Vinca Major var., field-grown, extra strong, $6.00 per 100. N. Smith & Son, Adrian, Mich.

VIOLETS.

Money in violets. Practice the methods of culture and marketing explained in Professor Gallaway's book, Commercial Violet Culture, 224 pages, elegantly printed and illustrated, price, postpaid, $1.50. Other books of same publishers are The Water Garden, by Wm. Tricker, price $2.00; Commercial Plants, by G. W. Oliver, price $1.00. Residential Sites and Environments (Landscape Gardening), by J. F. Johnson, price $2.50. Send for Catalogue. Address A. T. De La Mare, Ptg. & Pub. Co., Ltd., 2 Duane St., New York.

La France and Princess of Wales violets, large, field-grown plants, $5.00 per 100. The California, clumps from open ground, $3.00 per 100; $25.00 per 1000.
C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Field-grown violets, $4.00 per 100; $35.00 per 1000. Pot-grown, 3-in., $3.00 per 100; 4-in., $4.00 per 100. Wm. F. Kasting, 481 Washington St., Buffalo, N. Y.

Violets, Marie Louise, 2,000 strong, healthy plants, from 3-in. and 4-in. pots, $25 per 1,000. E. M. & H. N. Hoffman, Elmira, N. Y.

Farquhar, 2¼-in., free from disease, $2.50 per 100. Greene & Underhill, Watertown, N. Y.

California, field-clumps, $2.00 per 100. Cash. Roney Bros., West Grove, Pa.

MISCELLANEOUS.

Oxalis Ortgiesii, $2.50 per 100. Umbrella plant, $2.00 per 100. Nice plants, satisfaction guaranteed. J. W. Yates Plant Co., Springfield, Ohio.

3,000 Sedum variegatum, 5,000 cigar plant and California moss, all in 2¼-in. at $1.50 per 100. Morris Floral Co., Morris, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

WANTED.

Violet customer wanted for 3,000, or less, violets daily (Russian). W. M. Hall, 1912 E. 16th St., Austin, Tex.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind.

Holly, finest quality; any quantity. Sample 10-lb. box, $1.00. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Extra selected wild smilax, per 60-lb. case, $2.00; 30-lb. case, $1.25.

Holly, bright green, well berried. Any quantity, write for special prices.

First quality luecothoe sprays, delivered by express for $3.00 per 1,000. Cash with order. R. A. Lee, Evergreen, Ala.

Hardy cut ferns, 75 cts. per 1000. Natural circumstances seem to indicate this as a hard year to keep cut ferns. If this proves true the price will advance accordingly. Xmas trees by carload or less. John Abbott, Hinsdale, Mass.

Holly, Holly Wreaths and Laurel. C. E. Brown, Bridgeville, Del., packer and dealer in bright, green, well berried holly in small and car lots.

Southern wild smilax. New crop now ready for shipment. Write for circular and price list. J. G. Barrow, Red Level, Ala.

Hardy cut ferns 75c per 1000, in 1000 lots. Bouquet Green, Christmas trees, etc. L. B. Brague, Hinsdale, Mass.

Bouquet Green, Holly, Evergreen, Christmas Decorations, etc. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Ferns, 75c per 1000. Laurel festooning, the best, 4 to 6c per yard. Crowl Fern Co., Millington, Mass.

Carter's wild smilax and holly. Write for prices on all decorative evergreens.
Geo. M. Carter, Evergreen, Ala.

The best grade of bright green, well berried holly, fresh from the swamps.
W. W. Pullen, Milford, Del.

EVERYTHING FOR FLORISTS.

Cycas Wreaths and Leaves, Capeflowers. Immortelles, Sheaves, etc. Write for list to August Rolker & Sons, 52 Dey St., N. Y.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
Albert M. Herr, Lancaster, Pa.

FLORISTS' LETTERS.

Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 55c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Phila., Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays address the introducer,
Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

J. G. Loven, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

Bronze galax leaves, $1.50 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Selected Galax leaves.
Chas. H. Ricksecker, Linville, N. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Mastica and Mastica glazing machines. F. O. Pierce Co., 170 Fulton st., New York.

Greenhouse glass a specialty, Sprague, Smith Co., 207-209 Randolph st., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

HOSE.

Send for descriptive circular of the best florists' hose nozzle on the market.
Greene & Underhill, Watertown, N. Y.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose, J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch st. Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.
Skabcura Dip Co., Chicago.

Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

Rose Leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

Send in your order now for a copy of the Florists' Manual.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M. Sts., N. E., Washington, D. C.

Flower Pots of all kinds. Standard Pots a specialty. List and samples free. Swahn Pottery Mfg. Co., Box 78, Minneapolis, Minn. Factory, Marshall and 25th Ave., N. E.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

Whilldin Pottery Co., Philadelphia, Pa.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per dozen.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

RAFFIA.

State your wants and will quote price.
August Rolker & Sons, 52 Dey St., N. Y.

SPHAGNUM MOSS.

Sphagnum just from the swamps, prime quality. W. W. Barnard & Co., 161 Kinzie St. Chicago.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

THE MOST MONEY.

To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florists' Manual, by Wm. Scott, keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.

ROSE LEAF INSECTICIDE EXTRACT OF TOBACCO

For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

Mention The Review when you write.

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No Ice. No Breakage of Glass.



This Gutter will save money in cost of construction.

GEO. M. GARLAND, DES PLAINES. ILL.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue . . . GREENHOUSE BUILDING

NO MATTER WHAT KIND OF STOCK YOU MAY GROW,
Roses, Carnations, Lilies, Chrysanthemums, Ferns, Palms, or what not,
"ROSE LEAF"
EXTRACT OF TOBACCO INSECTICIDE
WILL SAVE YOU MONEY.
As compared with other remedies, a practical test will certainly convince you that "ROSE LEAF" is the BEST and
BY FAR THE CHEAPEST general insecticide on the market. For sale by all seedsmen. For free booklet write to
(Successors to Lou. Spirit Cured Tob. Co.)
THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Mention The Review when you write.

KANSAS CITY, MO.

On Wednesday, Nov. 7, the florists of this city and the patrons of W. L. Rock received a neat and attractive card inviting their presence at his third chrysanthemum show. Southern smilax was used, being draped from the ceiling and on the walls against a background of white cheese cloth. A feature of the show which interested the ladies mostly was the table center pieces made of adiantum ferns, valley and orchids. Mums exhibited on single stems were the finest ever seen in Kansas City. Mr. Rock believes these displays to be the best method of advertising his business, and the way in which everything was arranged cannot help but increase the love for flowers.

The election and a decided change in the atmosphere affected business some last week. Very little funeral work is being done, consequently much short stemmed material going to waste.

The October ball given by the 400 at the Midland Hotel on the 30th of last month called for a large number of swell bouquets. The decorations were arranged by Ed. Pratt. Ten crates of smilax and over 3,000 Beauty roses were used in the execution of this job. Ed. is a hustler and has the faculty of getting more than his share of decorations.

Cooler weather has helped to improve the color and quality of roses, and prices remain firm for the best long stemmed. Mums are plentiful and of good quality, far superior to those grown in former years, yet we fear from the amount of sales and prices realized that this flower is not as great a favorite here as the carnation. One grower remarked recently: "Why overstock this market with the chrysanthemum when larger revenue can be gotten from the same amount of space in carnations?" And he was right, as there has always been a shortage of carnations in this city.

D. Freidenthall, who owns a stand at the Union depot and who is the ladies' favorite florist, has opened a branch store at 125 W. Ninth street. H. J. M.

NIKOTEEN
IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE
DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN - - - CIRCULAR FREE -
SKABCURA DIP CO. CHICAGO.
Kill and Save the Blooms Bugs! QUICKLY DOES IT.

Mention The Review when you write.

HUNDREDS of Florists are using our Pulverizers. You can regulate it.
Send for list of testimonials.
Patent allowed February 27, 1900.
No. 1, $5.00; No. 2, $10.00; No. 3, $20.00
THE FLORISTS' SUPPLY CO., North Tonawanda, N. Y

Greenhouse Material
Of Clear Louisiana Cypress and California Red Cedar
BEST GRADES. PERFECT WORKMANSHIP.
A. DIETSCH & CO.,
615 to 621 Sheffield Ave., CHICAGO, ILL.

Mention The Review when you write.

Have you used the PERFECT FLOWER POT HANDLE AND HANGER? It is just the thing for Easter to display your plants by hanging them on walls, etc., especially when you are crowded for room.



Also for lifting plants out of Jardinieres. Will sustain a weight of 100 lbs.
No. 1 will fit from 2 to 5-inch pots, per dozen, 30c
No. 2 will fit from 5 to 8-inch pots, per dozen, 40c
No. 3 will fit from 8 to 12-inch pots, per dozen, 50c
By mail, 10c extra per doz. Sample pair, 10c, postpaid.



USE W. C. KRICK'S FLORISTS' IMMORTELLE LETTERS, Etc.
Medal awarded at the World's Fair and highest award wherever exhibited.
These Letters and Designs are made of the best Immortelles wired on wood or metal frames, having holes drilled in them to insert toothpicks, by which they are fastened in the design. Give them a trial. You will find these goods to be superior to any in the market
2-in. Letters. $2.50 per 100. Postage 15 cents per 100.
For other styles of Letters, Emblems and Designs, send for catalogue. Before purchasing send for free sample and catalogue, and compare with any other letter on the market.
For Sale by all Florists' Supply Dealers.
W. C. KRICK, 1287 Broadway, Brooklyn, N.Y.

FINLEY ROTARY LAWN RAKE.



"PAPA! WE CAN RAKE YOUR LAWN."

SEE WHAT SOME OF OUR PATRONS HAVE TO SAY ABOUT OUR RAKE AFTER THEY HAVE USED IT ONE SEASON.....

MARSHALL FIELD & CO.,
Credit Department.
Chicago, July 5, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Mr. Higinbotham well pleased.

Gentlemen: My gardener at Joliet, Ill., advises me that he has thoroughly tried your new Rake on my lawns, and he finds it to be very useful and satisfactory in every respect. It does the work in less time and in better manner than could be done by hand.

I have personally witnessed the rake in operation, and take pleasure in adding my testimony to that of my gardener.

Wishing for it and your company the largest success, and thanking you for the opportunity of having the rake, I am, with respect,

Very truly yours,
H. N. HIGINBOTHAM.

F. P. LLEWELLYN.
Shamokin, Pa., August 14, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Gentlemen: Absence from the city has caused delay in replying to yours of the 25th of July. I can most heartily indorse all that you claim for your lawn rake.

Respectfully yours,
F. P. LLEWELLYN.

BALL, WATSON & MACLAY,
Attorneys at Law.
Fargo, N. D., Sept. 24, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Gentlemen: The rotary lawn rake which I purchased of you early last summer has given most excellent satisfaction. It has never been out of order a moment, and has kept my lawn looking all the time as if it had been carefully swept with a broom. I would not be without it for several times over its cost.

Yours very respectfully,
W. F. BALL.

HARBER BROS. COMPANY.
Bloomington, Ill., Oct. 2, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Gentlemen: Enclosed find draft for $24.45, in settlement of statements enclosed herewith. Kindly receipt and return the statements at your convenience.

The rakes are giving both the writer and our Mr. E. D. Harber very excellent satisfaction.

Yours very truly,
B. F. HARBER.

MARTIN GILLET & CO.
Tea Importers.
Baltimore, Sept. 1, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Dear Sirs: I beg to hand you enclosed check for $12.00, in settlement of bill August 20.

The rake arrived only the day before yesterday, and although I have not given it a very thorough test, I am satisfied it will do all you claim for it. Yours faithfully,
ERNEST GILL.

Easton, Md., July 30, 1900.
Finley Lawn Rake, Co., Joliet, Ill.

Gentlemen: Yours of the 25th. The lawn rake I purchased from you has given entire satisfaction and does all you claim for it.

Yours truly,
CHAS. CHIPERY.

HUBBARD MILLING COMPANY.
Mankato, Minn., July 9, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Gentlemen: Enclosed find draft for $12.00 in payment of your invoice of June 18. The rake is entirely satisfactory and does its work in first-class shape. I think it is a very valuable tool in the care of a lawn. Yours truly,
G. M. PALMER.

THE OMAHA AND GRANT SMELTING CO.
Omaha, Neb., Sept. 27, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Dear Sirs: Your favor of the 18th inst. is received. I thank you for the suggestion in regard to the lawn rake gathering autumn leaves; but will say that I had already discovered it will not only gather leaves, but everything else in sight. It is a most remarkable machine, and has given most perfect satisfaction.

Yours truly,
GUY C. BARTON.

NATIONAL CITY BANK,
Thos. D. Catlin, President.
Ottawa, Ill., July 26, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Gentlemen: After giving the lawn rake which I bought of you a thorough trial, I wish to express my entire satisfaction with it. The descriptive circular which you sent me does not exaggerate its good qualities. It does all you claim for it, and more. I think it is well worth what it cost. It is easily operated, and, while there is a good deal of time saved over the use of the ordinary hand rake, it does the work easier and better in every respect.

I cheerfully recommend it to any one who wants a clean and attractive lawn.

Yours respectfully,
THOS. D. CATLIN.

New York City, Oct. 18, 1900.
Finley Lawn Rake Co., Joliet, Ill.

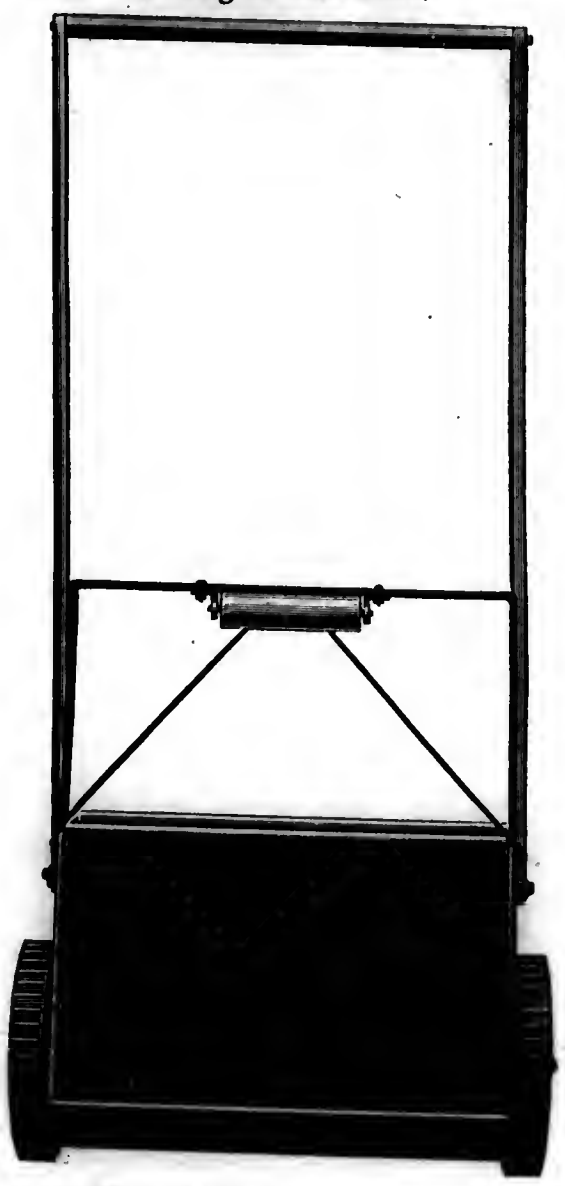
Gentlemen: The lawn rake which you sent to my house in Montclair has proved very satisfactory, and, having an English relative staying with us, he is desirous of having one for his place in England. Therefore, I send you herewith check for $14.00 and will ask you to ship one of your rakes, together with the duck leafholder, securely boxed for export, marking same: E. Power, care Power Bros. & Co., 6 Crosby Square, London, England. Consign same to my care at 24 State St., New York.

Yours truly,
A. SCHROEDER.

LA CROSSE LUMBER CO.
Louisiana, Mo., July 12, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Gentlemen: You asked me to give you a report on the lawn rake after having used the same, and in reply to same will say it is simply "out of sight" for taking care of lawns. There is as much difference between it and the ordinary hand rake or any other method we have ever seen of taking up grass as between a spoon and a fork for eating soup. Our man can clean up a large lawn in six hours that would take him not less than a day and a half to do by hand, and in this case the lawn rake takes up the grass in strictly first-class shape. You certainly have a success in the machine. Very truly,
F. W. BUFFUM.

Here is a cut of the Finley Lawn Rake inverted, showing its construction,



J. M. STUDEBAKER,
South Bend, Ind.
June 6, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Discarded all other Lawn Rakes.

Gentlemen: I have used different Lawn Rakes, and the result was that after using them a short time they were discarded. On receipt of yours I took particular pains to give it my personal test, and I find it does its work admirably. It takes up stones, leaves, and everything in its way, leaving the lawn perfectly clean, and from its appearance it should be indestructible.

Respectfully yours,
J. M. STUDEBAKER,
Vice-President and General Manager Studebaker Bros. Manufacturing Co.

T. U. COLE,
Cashier First National Bank.
Honey Grove, Tex., Aug. 9, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Dear Sirs: Yours of the 7th received and noted. I ordered one of your rakes through our dealer here, the Hockaday Gray Co., and after several days' trial take pleasure in saying that it gives excellent satisfaction and truly "fills a long felt want."

Yours very truly,
T. U. COLE.

W. E. RENNER, Dry Goods.
Roanoke, Va., August 30, 1900.
Finley Lawn Rake Co., Joliet, Ill.

Dear Sirs: Enclosed find check for one lawn rake received yesterday. I tried it yesterday evening and it is in all respects perfectly satisfactory. Respectfully,
W. E. RENNER.

FINLEY LAWN RAKE CO., -- JOLIET, ILL.

AT LAST!

A Vaporizing Insecticide

THAT IS

Cheap, Harmless and Effective.

"NICOTICIDE"

The Best of all.

Write for full particulars to

THE TOBACCO WAREHOUSING AND TRADING CO.,

1002 Magnolia Ave., Louisville, Ky.

Mention The Review when you write.

WASHINGTON.

At this date, Nov. 12, outdoor stock is still in its glory, greatly to the disadvantage of the florist, although good inside stock still remains very scarce, Maids and Brides holding the lead at 4 and 6 cents; a few Liberties are to be seen, but not as good as the Meteors; they go at 4 to 6 cents; other teas go at 3 to 4 cents; carnations 1 to 2 cents; asparagus and smilax are very scarce. From all indications, now that election is over, business will be very good.

It has been rumored that one of Baltimore's best florists will open a branch store here on Pennsylvania avenue.

D. Z. Blackistone has bought the good will and store of W. Kimmell, of Vermont avenue, Mr. Kimmell remaining with the firm as head decorator.

W. R. Freeman is cutting some very fine violets; their coming cut will be large.

Mr. Evenden, of Williamsport, Pa., passed through on a gunning trip to North Carolina.

Mr. Morris, the Louisa County violet grower, also paid us a visit.

F. H. KRAMER.

RUTHERFORD, N. J.—Messrs. Bobbink & Atkins, the importers, have at present an immense lot of fine azaleas at their establishment, ready for their annual sales.

COUNCIL BLUFFS, IA.—A handsomely illustrated description of the extensive establishment of Mr. J. F. Wilcox was printed in a recent half-tone supplement of the Daily Nonpareil of this city.

Lehman's Wagon Heaters

Will Protect Plants from freezing in the coldest weather at the cost of one half cent per hour.



NO DANGER OF FIRE.

NO GASES TO INJURE PLANTS.

NO ODOR. NO SMOKE. NO DIRT.

Over 125,000 in actual use every winter by Florists, etc.

Send for Descriptive Circular and Price List.

LEHMAN BROS.
MANUFACTURERS,
10 Bond Street, NEW YORK.

JAS. W. ERRINGER,
Gen. Western Sales Agent,
297 Wabash Ave. CHICAGO, ILL.

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At the New York S. A. F. Convention,

THE FURMAN BOILER

(New Model), Awarded the

Certificate of Merit.

Superiority for GREENHOUSE HEATING.

We make a specialty of greenhouse heating and invite your investigation of our system. Heat your houses evenly and with economy—use FURMAN BOILERS. Special Florists' Catalogue sent free upon request.

The Herendeen Mfg. Co., 22 Grant St., GENEVA, N. Y.

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120 High St, BOSTON. 39 Cortlandt St., NEW YORK.
REIMER & RADMER, Agts., 411 State St., MILWAUKEE.

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WORK DELIVERED WHEN ORDERED.

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TELEPHONE HARRISON 85

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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.....INCORPORATED.....

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PHILADELPHIA,

LONG ISLAND CITY, N. Y. JERSEY CITY, N. J.

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for vaporizing tobacco water and tobacco extracts. Made for any sized steam pipe. Write for price; also circular.

JENNINGS BROS., Olney, Phila.

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Ventilating Machinery.



The latest and best. In three varieties. SELF-OILING. Prices for everybody. All guaranteed to be first class.

Send for catalogue and prices.

The E. Hippard Co.

YOUNGSTOWN, OHIO.

Mention The Review when you write.

STEAM AND HOT WATER HEATING

Perfectly Installed by

H. W. GIBBONS, 136 Liberty Street, NEW YORK.

Expert Advice and Plans Furnished.

Catalogues 4 Cents.

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Nursery..... .....Seed..... Florists'.... Catalogues

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233 MERCER ST., NEW YORK.

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Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus

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Horticultural Architects and Builders AND LARGEST MANUFACTURERS OF Greenhouse Heating and Ventilating Apparatus.



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BUILDERS OF IRON FRAME GREENHOUSES.

Rose Houses, Palm Houses and Conservatories erected complete with our Patent Iron Frame Construction.

Structural Material Furnished Ready for Erection.



Our New Sectional Tubular Boiler.

Hot Water Boilers For Greenhouse Heating

6 PATTERNS. 30 SIZES.

PERFECT SASH RAISING APPARATUS.



Our Well-Known Corrugated Fire Box Boiler

Hitchings & Co.

233 Mercer Street,

Send 4 Cents for Illustrated Catalogue.

NEW YORK CITY.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building, Chicago,

334 Dearborn Street.

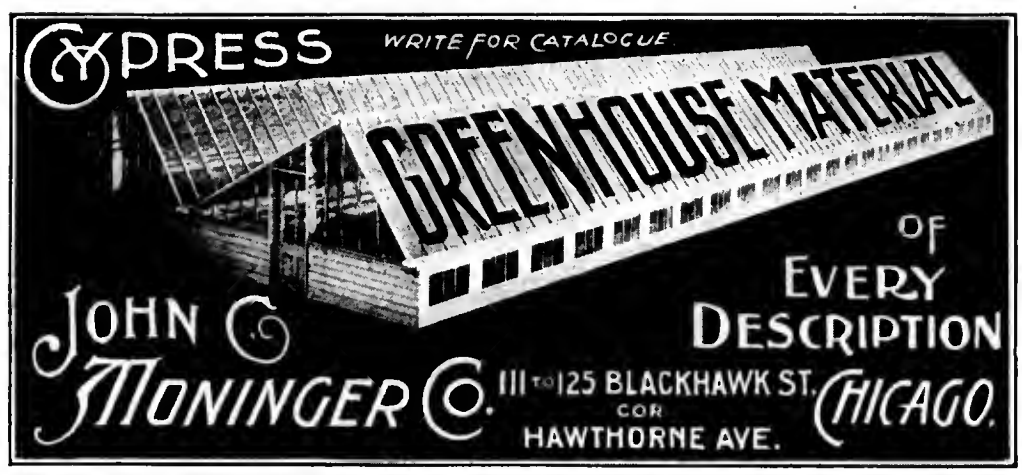
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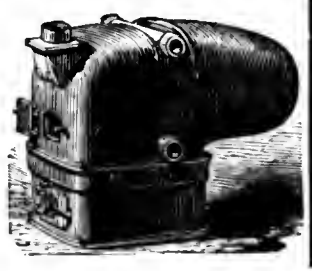
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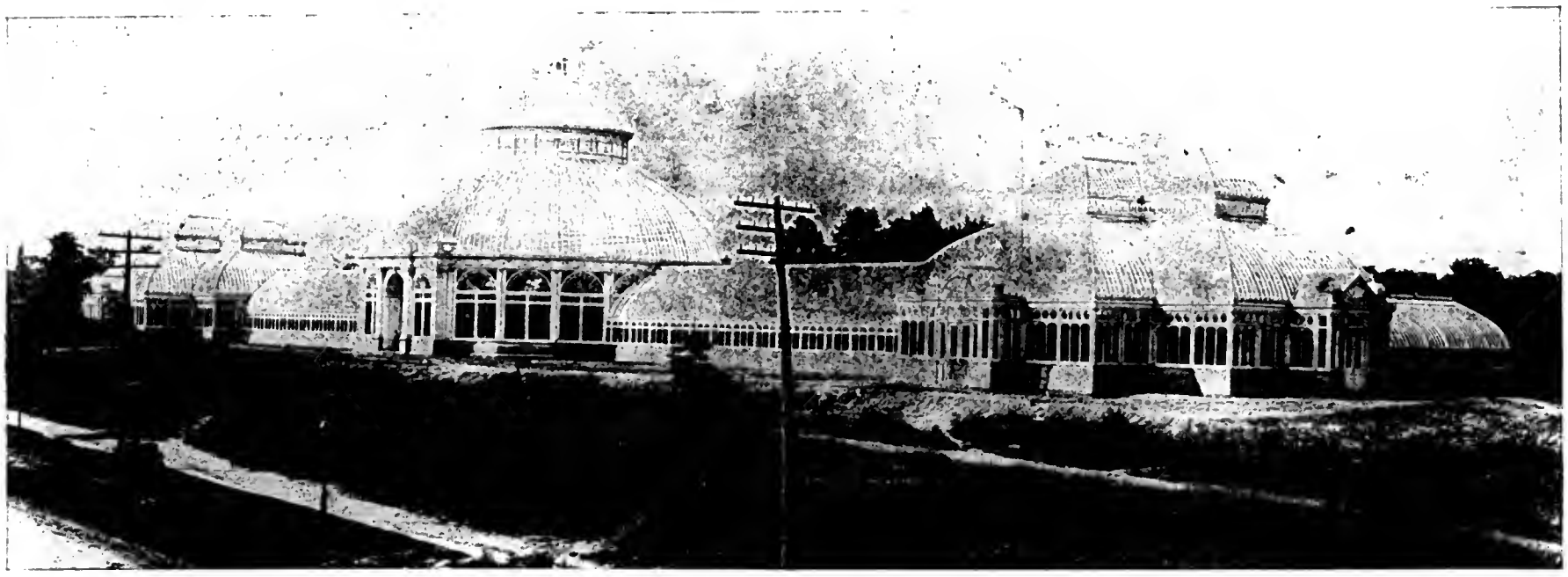
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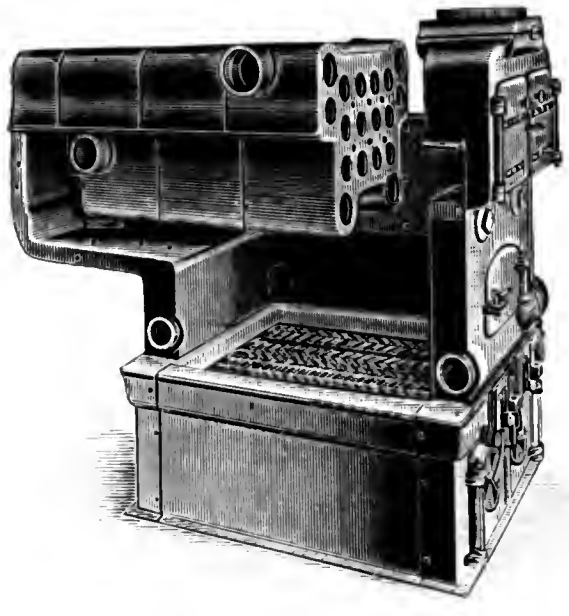
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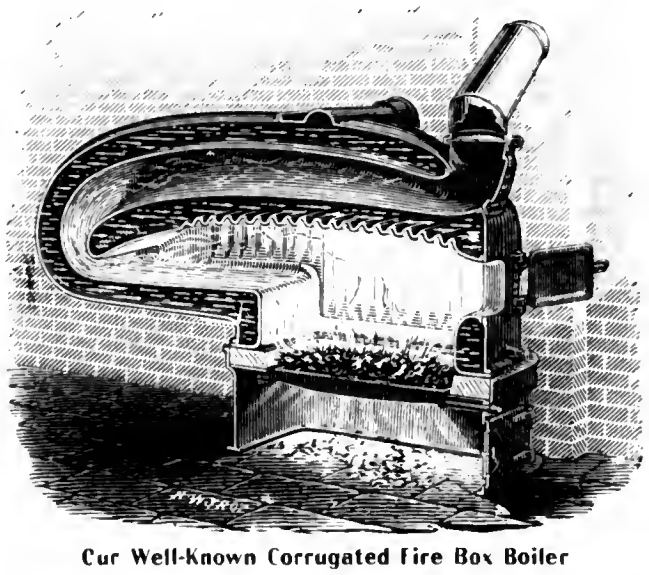
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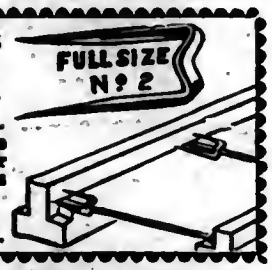


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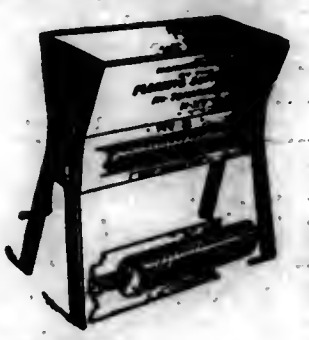
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MISCELLANEOUS SEASONABLE HINTS.

Herbaceous Plants.

Any herbaceous plants that were sown in August and are being wintered over in flats should now be in a cold-frame, where with the protection of sash they will winter very well and be in far better condition than if coddled up even in the coolest of houses. Keep the sash off till we get hard freezing weather and give air in mid-winter whenever it is mild.

While speaking of herbaceous plants, for which there is a strong fancy just now, would say that another very good plan where they are all for your own planting is to sow the seed in February or March, transplant into frame in May or June, where you can keep them watered, and by middle of August they will be strong plants and can be put out in their permanent locations. They will have plenty of time to get thoroughly established before winter sets in and be in fine condition to flower the following summer. I allude to such plants as coreopsis, digitalis, heuchera, Lobelia cardinalis, aquilegias, etc.

To digress a moment—there is a school of landscape gardeners, reading papers and publishing essays nowadays in which they condemn the use of any of our gay bedding plants that give us five or six months' continual bloom and advocate the exclusive use of hardy perennials. The name "landscape gardeners" is a misnomer. They are landscape visionaries, with a fad and a dollar in sight. Do these windy and one-sided men not know that the proper use and value of the hardy perennials has been known to all intelligent gardeners for a century and more?

On the margins of plantations or in the mixed border, but more particularly if one is a student of plants, then the use of herbaceous plants is to be commended and they will be appreciated. In a garden of a few acres there is always room for a border of herbaceous plants, but in a small city lot do you think people are going to be satisfied with a bed that will be gay and attractive less than one month, or not at all, or a border that is simply green, or here and there a plant in flower? To enjoy such a border you must be well acquainted with plants and while you are showing your friend around you will have to tell him how beautiful so and so was in June, and how lovely you expect the anemones to be end of September. "There is not much in flower just now, don't you know; but I do think these hardy plants are interesting." As an honest gardener said to me recently: "When pictures of these hardy perennials are shown to the prospective buyers they should show how they look in May, July and September."

Another thing, are not our geraniums, verbenas, heliotrope, petunias and other favorites the selection of years that have been found to suit the conditions and give the best general and pleasing result? You might as well try to make all our women don the somber Quaker colors as banish the gay flowers from our gardens. But there is not much fear of its being done by a few young men whose only ability consists of drawing pretty pictures in an office.

Don't think for a moment, Mr. Editor, that I don't realize that these gay flowers in formal beds are entirely out of place when surrounded by natural scenery, but in public squares, near buildings, and in the small garden surrounding the dwelling they are entirely proper and welcome summer guests, and will never be supplanted by plants that are advocated because they are simply interesting. When the hod carrier reads Gibbon's "Decline and Fall of the Roman Empire," and our children crave Darwin's "Plants and Animals Under Domestication," then our gardens may be occupied solely by the curious, odd and uncommon.

One thing more—the matter of expense. These college-bred draughtsmen say: "Why plant these tender exotics which have to be purchased every spring?" They ought to know that any herbaceous border, if it is going to be kept neat and orderly and in the slightest way attractive, the labor on it will be more than the cost and labor on a bed of cannas or geraniums.

Spiraea Japonica.

Don't let these lay around in a case, perhaps in a warm shed, and get dried up. They will stand a lot of abuse, but if you want the best success unpack them and lay them in a cold-frame with some earth around them. New Year's is time enough to pot them for forcing.

Begonia Lorraine.

I have noticed some Begonia Lorraine lately that have been grown in a very warm, shady house. They look attractive, but are in poor condition for customers. When they are showing lots of flowers a temperature of 60 degrees is plenty. And give them the fullest light and ventilation when possible. They are not any too lasting when removed to the dwelling house, but will be less so if very soft.

Chrysanthemums.

In my travels this fall I have noticed two very fine chrysanthemums which ought to be in every collection. One is not new, but it is a dandy, namely, W. H. Chadwick. It is a magnificent white. The other is Col. D. Appleton, the yellow that has turned out such an immense bloom, a good grower and in every way a magnificent yellow. If you can buy old roots of these now it is much cheaper than young plants in the spring, and usually better stock.

Timothy Eaton is not yet for sale, and where it will land is uncertain. It was kind and good business policy to name the flower after the great department store proprietor of Toronto, but I would rather have some abbreviated descriptive name; for instance, "Monstrosum giganteum robustum rigidum album" would give one an inkling of what the flower is like. Mr. Miller has a pink variety that I think is the most pleasing pink I have seen, as good in color as Mrs. Perrin, a better grower and a finer flower, that he unwisely calls Mrs. Timothy Eaton. This is sure to lead to confusion. If Timothy Eaton is to be the name of the wonderful white, then call the pink one "Mine Frau."

Carnations.

No worse possible weather could we have for carnations than the past two weeks; dark, damp, without a ray of sun, and often warm. You must fire a little and give plenty of ventilation, even if it is warm outside.

Violets.

The same can be said of violets. It is the most difficult time to keep them healthy. They continually want going over and removing the decayed leaves. Violets don't like fire heat, but in all good violet houses the pipes should be on the side walls above the plants, and a little fire heat and ventilation makes a circulation of air and prevents damping of the leaves.

WM. SCOTT.

CARNATION NOTES.

Illinois has been visited with an unusual abundance of rain and dark weather the past week, which will have a tendency to shorten up the supply of blooms, which probably will be an advantage for the plants to cool themselves off and get themselves settled into their regular winter habits, throwing good flowers, instead of romping off, as they have done the past two months, giving the grower the impression that they intended doing all their work while the sun shines, in spite of him and his skill, with a gentle hint (on the side) that he must do his part when the cloudy and cold weather comes.

Well, now comes our turn. Split calyces will be the first thing to test us. White Cloud will be one of the first to get in line, but it can be stopped by proper ventilating and firing. Run the temperature up to as high as 62 degrees in day time and 54 degrees at night as long as they seem inclined to burst. But this is four degrees too high to retain strong stems, so each one must judge for himself. When they no longer require the extra temperature, syringing should not be thought of excepting in very urgent cases, or where spider has got a strong foothold; in that case he must be dislodged at all hazards.

I have heard quite a few complaints about the Mrs. Lawson coming bleached

or sunburnt. Although we have had very little trouble in this respect, still during very hot weather, especially after dull days, the glass should be sprayed with muddy water. It only takes about ten minutes to do this, and you will often save a few dollars in the color of your flowers, even should you get a shower of rain to wash it off the next day. This remedy applies to all subjects of sun burn, which is quite general in all pink sorts. By the way, Lawson is better in a 54 to 65 degree temperature than less, as it is inclined to be a hardy, woody grower with a tendency to send only short stemmed blooms, but the additional heat will draw them up and make your plants more sappy and induce them to break out with fresh shoots more quickly. I know of no other carnation where the result would be the same after such treatment. Jas. Hartshorne.

INJURED DECORATIVE PLANTS.

What is best to do with decorative plants (palms, pandanus, araucarias, etc.) that have been injured by sulphur fumes through neglect of helper, badly discoloring the foliage? D. F. C.

I have neglected to answer the enclosed for some time, and I hope the subscriber will excuse me. I am afraid that the leaves of palms, pandanus and auracarias, if once injured by the fumes of sulphur will never recover their healthy condition. Palm leaves that lose their color by exposure to the sun will frequently, when removed to the house in the fall, resume their proper color again, but not so when injured by sulphur. Old leaves being the weakest generally suffer first. With palms these could be removed; in time—but it takes some time—they will produce new leaves. With pandanus so much depends on form that if the lower leaves are gone the plant is about worthless. Therefore if there is much injury I should say throw them away. Still more is form the great attraction of the araucarias. Far better begin with younger plants. W. S.

CANNAS.

To increase rare French cannas during the winter months start about the middle of November, as by then the roots will have had a chance to dry off after having been dug from the field. Have a house devoted to cannas only, and prepare it as follows:

After the benches have been cleaned and whitewashed fill with good rich rose soil, to which some coarse sand has been added, leveling it off, making the lumps fine and raking evenly. Plant out the roots about 8 inches apart, leaving a little space between each lot of novelties and each labeled. When all the varieties are planted, which will take perhaps half a bench, give a good watering. Keep the temperature between 65 and 70 degrees at night and the same in the day time when there is no sun on the glass. On bright days give plenty of air and fumigate occasionally to prevent the appearance of greenfly.

When a growth from 12 to 14 inches high has been made take up the plants, cut the eyes from the roots and the plants somewhat back and plant in the other half of the bench 6 inches apart each way. After the first replanted shoots have made new shoots again replant in the same way as before. Continue the process until spring, and you will have very largely increased your stock as well as being enabled to offer plants very early in the spring, if not all winter.

When one house is filled another can be started. When danger of frost is past in the spring the plants can be planted out in the field in the usual way. Paul Kopanka.

THE EXHIBITIONS.

PHILADELPHIA.

Last week the Pennsylvania Horticultural Society held its annual fall exhibition at Horticultural Hall. The doors were opened on Tuesday evening and closed finally on Saturday evening. The show was very successful. The exhibits were varied and of excellent quality; the weather was clear and cool; the attendance large and appeared to be much interested. I am not in a position to give a positive assurance of the financial success of the enterprise, but the contented smile on the doorkeeper's face when speaking of the crowds that had entered, spoke well for the condition of the credit side of the account. The society adopted an excellent plan, in sending out notices of the exhibition to its members, each member was asked to interest his or her friends in the affair. This request undoubtedly led to many "chrysanthemum parties" and did much to add to the show's popularity.

The top of the main stairway was ornamented by a handsome group of evergreens, in their midst a fine vase of American Beauty roses, above a large Cycas revoluta, while on each side, on the steps of the second flights were vases of specimen chrysanthemum blooms. The arrangement was very effective and striking, combining, as it did, the products of so many different climates and surroundings. It was interesting to note that the vase of Beauties was contributed by a commission man, Fred Ehret, showing the skill of a Doylestown consignor. I think this is the first time a commission florist has exhibited at our show. This is a suggestion that the society may well consider. What glorious rose, carnation, violet and chrysanthemum tables would appear if our ten commission men vied with each other in their displays! Why not? They spend money freely in other methods of advertising and this would bring their specialties before the retailers and the public just at the right time.



Vase of Chrysanthemum Philadelphia shown by Hugh Graham at the Philadelphia Show.

At the top of the stairways the main hall opened, resplendent with color. The chandelier was hung with oak boughs, the leaves of varied shades; under this was a group of orchids, chiefly cattleyas, surrounded by a table of specimen chrysanthemum blooms and foliage, arranged as though each flower represented a plate at a large square dinner table. The flowers



Part of the Philadelphia Chrysanthemum Show.

were superb. The varieties were: Mrs. Higinbotham, pale pink; E. Dailledouze, yellow; Phenominal, lemon yellow; Maj. Bonnaffon, yellow; Mrs. Thomas Potter, Jr., light violet; Pennsylvania, yellow; Charles Davis, salmon pink; F. Coppee, yellow; Mrs. Henry Robinson, white; Viviand-Morel, deep pink; Merza, white; Philadelphia, lemon yellow; Golden Wedding, yellow; George W. Childs, red; Solar Queen, yellow; W. H. Chadwick, white; Mrs. West, pink; Leonidas, red; Mrs. H. D. Romig, white; Maud Dean, pink; Golden Gate, rather single, yellow; Olympia, white; Frank Hardy, white; Joan d'Arc, pale pink; Lucie Faure, white, very fine; Modesto, yellow, and Juno, pale pink. Around the above central arrangement, Graham's, were the pot chrysanthemums entered for specimens and groups.

These plants were a feature of the hall. Superbly grown, tall specimens, covered with well colored blooms of good size, clean foliage down to the pot, sticks well covered. They were arranged in groups, with curved paths around and were very effective. Some of the best varieties were Geo. W. Childs, still the best red; Mrs. H. Weeks, white; Mrs. Irving Clark, pink; Garden Queen, pink; Mrs. Peabody, white; Silver Cloud, white; Mutual Friend, white; Modesto, yellow; Minerva, yellow; Sam Weller, deep pink; Leonidas, red; Mrs. Murdock, pink; Mrs. Park and White Queen.

Around the walls were several handsome groups of foliage and flowering plants. In two of these groups crotons were very effective. In one corner was Mrs. Wilson's group, comprising a number of choice orchids in bloom and surmounted by the George Washington sago palm, with its history attached. This historical curiosity was looking well and attracted much attention. On the other side of the hall were some fine specimen chrysanthemums, single blooms, grown in six-inch pots. Next were some well grown ferns, among them a fine specimen Adiantum decorum. There was a group of well grown geraniums in eight-inch pots, and a looking-glass decorated with red carnations that gave one a Christmas feeling and made it seem certain that there was some holly with bright red berries nearby. Then in a conspicuous position were two large vases of the pink Beauty, Queen of Edgely. It is a fine rose, resembling American Belle in color, but with larger foliage and heavier stems. Mr. Scott defines the color as "deeper than La France." To me this description does not convey an adequate impression of Edgely's color. It has none of the delicacy combined with vividness of the La France; it is a deep rose pink without special life or vivacity in its coloring. We have always felt that the color of the Beauty was its one weak point, yet when compared with Edgely, the color shows a richness in which the new rose seems to be lacking.

Among the cut chrysanthemums, John Cullen showed a magnificent lot. Niveus was among his varieties; this white is not often seen now. Also a dark Japanese seedling of great size. The begonias included both shades of Lorraine, not yet at its best; Caledonia, the white Lorraine, not nearly so pretty as its pink sister, and a pretty little sort that seemed likely to prove useful to the general florist, exhibited by Dreer. Among the crotons were three magnificent specimens five or six feet high and very bushy.

Downstairs in the lower hall were the cut flowers, other than chrysanthemums, the fruit and the vegetables. The rose contest in Beauties was a personal triumph for William Monroe. It does not matter to this great grower whether he be at Chestnut Hill or at Lansdowne, he can bring half a dozen Beauties that secure the blue ribbon. The other classes were not well filled, the chief interest centering in the debutantes. E. G. Hill & Co. sent three vases of Marquise de Litta, a good looking red, or deep rose, when fully open, which created a favorable impression. Robert Scott & Son sent several. The Belle Siebrecht crossed with a hybrid (Merveille de Lyon, I think) is a very pretty thing. Then there were Florence Pemberton, a cream white; Sunrise, a salmon pink, and another, all deeply interesting. The private gardeners showed some nice vases. Among them, Perle, not often seen now, and Golden Gate. I was surprised not to find Liberty or Meteor.

The carnation classes brought out some good flowers for the season. Prosperity captured the Craig cup. Mrs. Lawson, the Marquis, Mrs. Lippincott, California Gold, Ethel Crocker were in fine form, and there were some promising seedlings from E. J. Weaver, of Bird-in-Hand, and a white from Robert Craig & Son. It seems incongruous to have these choice products of our art flanked by plates of vegetables ranged in solemn rows. These vegetables are very fine, but I have never felt quite satisfied when looking at them on plates; the frame seems unsuited to the picture.

There were fine collections of fruit and vegetables and bulbs with little lights to tempt the passer by, and many other things too numerous to mention here. The show had a foreign flavor, for Timothy Eaton, the white seedling, with Minnie Wanamaker as seed parent, came all the way from Canada. Then, too, it had a political flavor, for McKinley fern was upstairs and Roosevelt carnation was downstairs, both looking remarkably well.

In the chrysanthemum plant classes six first prizes were awarded to Gordon Smirl, four to Jos. Hurley, two to Wm. Robertson, two to W. H. Carey, and one each to Alex. Kerr, Jno. McCleary, Francis Canning and Jos. McGregor.

In the miscellaneous plant classes of the first prizes eight went to Jno. Thatcher, four to Jos. Hurley, three to Jno. Hobson, two to Wm. Robertson, two to Jos. Kift & Son, two to R. Craig & Son, and one each to Geo. W. Brown, Thos. Long and J. T. Whittaker.

In chrysanthemum cut blooms five firsts were won by Jno. Cullen, four by Hugh Graham, three each by Jos. Monahan, Wm. Kleinheinz and J. N. May, two each by Frank Gould, Miller & Sons, John Kuhn and Jno. McCleary, one each by Geo. W. Brown, E. Schreiber, W. H. Carey and Edw. A. Stroud.

In the rose classes Jos. Heacock took four firsts, Robt. Forrest four, T. E. Bartram two and E. G. Hill & Co. and Chas. Uffler one each.

C. W. Ward, Queens, N. Y., won in the class for 100 carnation blooms any color with his Gov. Roosevelt. He was also first for 50 blooms scarlet with James W. Manley. Also for 25 blooms of undisseminated seedling with Harry Fenner.

Special premiums were awarded as follows:

Gold medal to Mrs. George B. Wilson, West Philadelphia, for corner decoration, including the George Washington sago palm, foliage plants and orchids.

Silver medal to Henry A. Dreer, Philadelphia, for display of aquatic plants.

Silver medal to John Thatcher, for collection specimen ferns.

Certificates of merit to Joseph Hurley, for collection of caladiums; to Joseph Heacock, Wyncote, for collection well grown palms; to Henry A. Dreer, for new white begonia, "Caledonia."

Special prizes to Joseph Hurley, for collection of well grown crotons; to John Thatcher, for well grown collection foliage plants; to George E. Campbell, for new coleus, to John Nesbit, Swarthmore, for two well grown palms; to W. H. Moon, Morrisville, for collection of evergreens, and to Alburger's East Park Nurseries, for standard chrysanthemums.

Cultural recommendation to Robert Craig & Son for well grown plants begonia Gloire de Lorraine.

Special mention to William Kleinheinz, gardener to P. A. B. Widener, Ogontz, for the new chrysanthemum "D. Josephine."

PHIL.

ST. LOUIS.

Wednesday, Nov. 14.

The tenth annual chrysanthemum show opened Wednesday morning at the Music Hall, Exposition building. The weather was all that could be desired and the attendance was good. The front lobby, where the show was held, was artistically decorated with wild smilax by Wm. Bousche; the smilax being furnished gratis by Carter and Caldwell the Woodsman Company, to whom the florists are very grateful.

Mr. Fred Lemon, representing E. G. Hill & Co., of Richmond, Ind.; Anton Riesig, of Nathan Smith & Son, Adrian, Mich.; Mrs. M. S. Vesey, of Fort Wayne, Ind.; Fred Ammann, Edwardsville; Halsted and Guy, of Belleville, were the visitors.

The judges for the first day were Max Herzog, Wm. Bousche, F. J. Fillmore, Frank Ellis, Julius Schray and Phil Goebel.

For the best 48 blooms, cut chrysanthemums, there were three entries, C. C. Sanders of St. Louis, E. G. Hill & Co. of Richmond, Ind., and Nathan Smith & Son of Adrian, Mich. They made a grand display and the judges had hard work in making a decision, which they finally did by giving first to Nathan Smith & Son; E. G. Hill & Co., second, and Sanders, third. The winning vases contained Mayflower, Rustique, Modesto, Lady Hanham, Mrs. T. L. Park, Idavan, Mrs. M. A. Ryerson and Chito. Hill's display was Nyanza, Mrs. Perrin, H. Bloodgood, Calvat 1899, Lord Cramer, W. H. Lincoln, M. A. Rey and Queen of Portugal. In Sanders' vases were seen Jerome Jones, Golden Wedding, Niveus, Bonnaffon, Xeno, Modesto, Perrin and Mrs. C. H. Weeks.

There was also quite a competition in class 39 for best 25 blooms white, one variety, in which Nathan Smith & Son again captured the first prize with Merze; Mrs. Vesey, second with Robinson, and E. G. Hill & Co., third with Prince Bassaraba.

In the other classes the competition was good except in rose and carnation classes. Everybody seems off crop just now. Fred Ammann made quite a hit with his vase of Beauties, this being his first year with them and captured first. Mrs. Vesey showed a vase of Ethel Crocker, which was much admired.

The Shaw Premiums.

The full awards of the first day were as follows:

For collection of named palms not less than 12 kinds, Wm. Schray, 1st; Chas. Beyer, 2d; Michel Plant and Bulb Co., 3d.

For named begonias, not less than 12 kinds, Wm. Schray, 1st; Michel Plant and Bulb Co., 2d.

For collection of named ferns, not less than 12 kinds, Michel Plant and Bulb Co., 1st; Wm. Schray, 2d; Chas. Beyer, 3d.

For collection of named foliage plants with variegated leaves, not less than 12 kinds, begonias and ferns excluded, Wm. Schray, 1st; Chas. Beyer, 2d; Michel Plant and Bulb Co., 3d.

Collection of 25 blooming plants for house decoration, exclusive of chrysanthemums, not more than 3 varieties of any species, Wm. Schray, 1st; F. J. Fillmore, 2d; C. C. Sanders, 3d.

Twelve named geraniums, in bloom, grown in not over 12-inch pots, F. J. Fillmore, 1st; Geo. Windler, 2d.

Most tastefully arranged fernery, Michel Plant and Bulb Co., 1st; C. C. Sanders, 2d; Wm. Schray, 3d.

Pair named climbing plants, Chas. Beyer, 1st; Wm. Schray, 2d.

Pair of Asparagus Sprengeri, Chas. Beyer, first; Wm. Schray, 2d; F. J. Fillmore, 3d.

Ten named cyclamen in bloom, Wm. Schray, 1st.

Pair of Nephrolepis Exalta Bostoniensis, C. C. Sanders, 1st; Michel Plant and Bulb Co., 2d; Chas. Beyer, 3d.

Collection of hardy evergreens and evergreen shrubs not less than 12 kinds, C. C. Sanders, 1st; Theo. Miller, 2d.

Specimen araucaria, F. J. Fillmore, 1st; Chas. Beyer, second; Wm. Schray, 3d.

Specimen Areca Lutescens, Chas. Beyer, 1st; C. C. Sanders, 2d; Wm. Schray, 3d.

Specimen Howea Belmoreana, Chas. Beyer, 1st; Wm. Schray, 2d; C. C. Sanders, 3d.

Best specimen Forsteriana, Chas. Beyer, 1st; C. C. Sanders, 2d; Wm. Schray, 3d.

Specimen Livistona chinensis, Chas. Beyer, 1st; Wm. Schray, 2d; C. C. Sanders, 3d.

Specimen Pandanus utilis, C. Beyer, 1st; Wm. Schray, 2d; F. J. Fillmore, 3d.

Chrysanthemums. Single specimen, white, Chas. Beyer, 1st; Geo. Windler, 2d.; Wm. Schray, 3d.

Single specimen, yellow, Wm. Schray, 1st; Chas. Beyer, 2d; Geo. Windler, 3d.

Single specimen, pink, Chas. Beyer, 1st; Geo. Windler, 2d; Wm. Schray, 3d.

Single specimen, any other color, Chas. Beyer, 1st; Geo. Windler, 2d; Wm. Schray, 3d.

Ten specimen plants, not less than 5 varieties grown in not over 10-inch pots, Chas. Beyer, 1st; Wm. Schray, 2d; C. C. Sanders, 3d.

Five specimen plants, 5 varieties, grown in not over 10-inch pots, Chas. Beyer, 1st; Wm. Schray, 2d; C. C. Sanders, 3d.

Group of chrysanthemum plants to cover 100 square feet, Geo. Windler, 1st; Chas. Beyer, 2d; Wm. Schray, 3d.

Chas. Beyer received 1st for 50 plants, one or more varieties, grown to one flower in not over 5-inch pots; 25 plants, white, one variety; 25 plants, yellow, one variety; 3 specimen plants, white, yellow and pink; 2 specimen plants, pink and white.

Specimen palms. Specimen and best 2 specimen palms, Wm. Schray, 1st.

Two Boston ferns, C. C. Sanders, 1st.

Specimen fern plant, Chas. Beyer, 1st.

Carnations. Twenty-five plants in bloom, F. J. Fillmore, 1st; Wm. Schray, 2d.

Chrysanthemums. On stems, not less than 18 or more than 30-inch stem, to be exhibited without any artificial support. Forty-eight blooms, 8 kinds, 6 in each vase, N. Smith & Son, 1st; E. G. Hill & Co., 2d; C. C. Sanders, 3d.

Twenty-five blooms white, one variety, N. Smith & Son, 1st; W. J. & M. S. Vesey, 2d; E. G. Hill & Co., 3d.

Vase of 50 blooms, quality and arrangement to be equally considered. W. J. & M. S. Vesey, 1st; N. Smith & Son, 2d; Wm. Schray, 3d.

Vase of 24 blooms, white and pink, E. G. Hill & Co., 1st.

Cut Roses. Twenty-five blooms Souvenir De Wootton, C. C. Sanders, first.

Twenty-five blooms Bridesmaids, W. J. & M. S. Vesey, 1st.

Twenty-five blooms Brides, J. F. Ammann, 1st; W. J. & M. S. Vesey, 2d.

Ten blooms American Beauties, J. F. Ammann, 1st; Geo. Kellogg, 2d.

Cut Carnations. Vase of 50 Ethel Crocker, W. J. & M. S. Vesey, 1st.

Vase of 50 Daybreak, Wm. Schray, 1st.

Vase of mignonette, Wm. Schray, 1st.

Thursday, Nov. 15.

Weather good, also attendance, and the cut blooms on exhibition very fine. The judges for to-day were Frank Fillmore, Frank Ellis, and Henry Emmons. Visitors: Mr. B. Escher, of M. Rice & Co.; Wm. Gullett, Lincoln, Ill., and T. W. Guy, Kimmswick, Mo. The feature of the day was the competition of 50 blooms and best vase of 25 yellow mums. The awards were as follows:

Cut chrysanthemum blooms on stems not less than 18 or more than 30 inches, to be exhibited without any artificial support.

Vase of 25 blooms, pink, one variety, E. G. Hill & Co., 1st with Perrin; G. M. Kellogg, 2d with Pres. Smith.

Vase of 50 blooms, quality and arrangement to be equally considered, Nathan Smith & Son, 1st; W. J. & M. S. Vesey, 2d.

Vase 25 yellow blooms, C. C. Sanders, 1st with Golden Wedding; W. J. & M. S. Vesey, 2d with Sunderbruch.

Cut Roses. Twenty-five blooms of Perle Des Jardins, J. F. Ammann, 1st; F. J. Fillmore, 2d; C. C. Sanders, 3d.

Twenty-five blooms of Meteor, W. & M. S. Vesey, 1st; G. M. Kellogg, 2d.

Vase of Kaiserin Augusta Victoria, W. W. Coles, 1st; Geo. M. Kellogg, 2d; W. J. & M. S. Vesey, 3d.

Cut Carnations. Vase of 50 G. H. Crane, W. J. & M. S. Vesey, 1st; J. F. Ammann, 2d; St. Clair Floral Co., 3d.

Vase of 50 variegated, one or more varieties, W. J. & M. S. Vesey, 1st; Nathan Smith & Son, 2d.

Double Violets. Best and largest collection of double violets, John Stridle, 1st.

Friday, Nov. 16.

Weather bad and attendance poor in the afternoon, but better at night. Features of the day were the new roses Marquise Litta, by Hill & Co.; the Queen of Edgely, by the Floral Exchange, of Philadelphia; the new chrysanthemum Malcolm Lemont, a fine red, by Hill & Co., and Pride of Belleville, by Henry Emundt, of Belleville. All of them received a certificate of merit and proved quite an attraction to the local growers.

Mrs. Vesey, of Fort Wayne, Ind., showed for exhibition Triumph, Genevieve Lord, Frances Joost, and Golden Gate.

The awards of the day were as follows:

Twenty-five blooms, yellow, one variety, W. J. & M. S. Vesey, 1st with Sunderbruch.

Vase of cut blooms not less than 12 varieties, W. J. & M. S. Vesey, 1st.

Cut blooms of chrysanthemums. Twelve blooms of Mayflower, Vesey, 1st; Teilmann, 2d; Sanders, 3d.

Twelve blooms of Major Bonnaffon, Vesey, 1st; Teilmann, 2d; Sanders, 3d.

Twelve blooms any other yellow variety, Vesey, 1st with Sunderbruch; Teilmann, 2d with Dailledouze; Sanders, 3d with Golden Wedding.

Twelve blooms any other white variety, Vesey, 1st with Robinson; Michel, 2d with Pullman; Sanders, 3d with Jerome Jones.

Twelve blooms any other pink variety, Teilmann, 1st with Helen Bloodgood; Sanders, 2d with Mrs. Murdock; Michel, 3d with Mrs. Perrin.

Twelve blooms of any variety introduced in '98-'99-'00, Henry Emundt, 1st with Pride of Belleville; Michel, 2d with Liberty, yellow; Teilmann, 3d with white Bonnaffon.

Cut Roses. Twenty-five blooms of Liberty, E. G. Hill & Co., 1st; Wm. Schray, 2d; John Stridle, 3d.

Four vases cut roses, 15 of a kind, American Beauties excepted, Vesey, 1st; J. F. Ammann, 2d; F. J. Fillmore, 3d.

Twenty-five blooms, American Beauties, G. M. Kellogg, 1st.

Twenty-five cut blooms of American Beauty, J. F. Ammann, 1st; G. M. Kellogg, 2d.

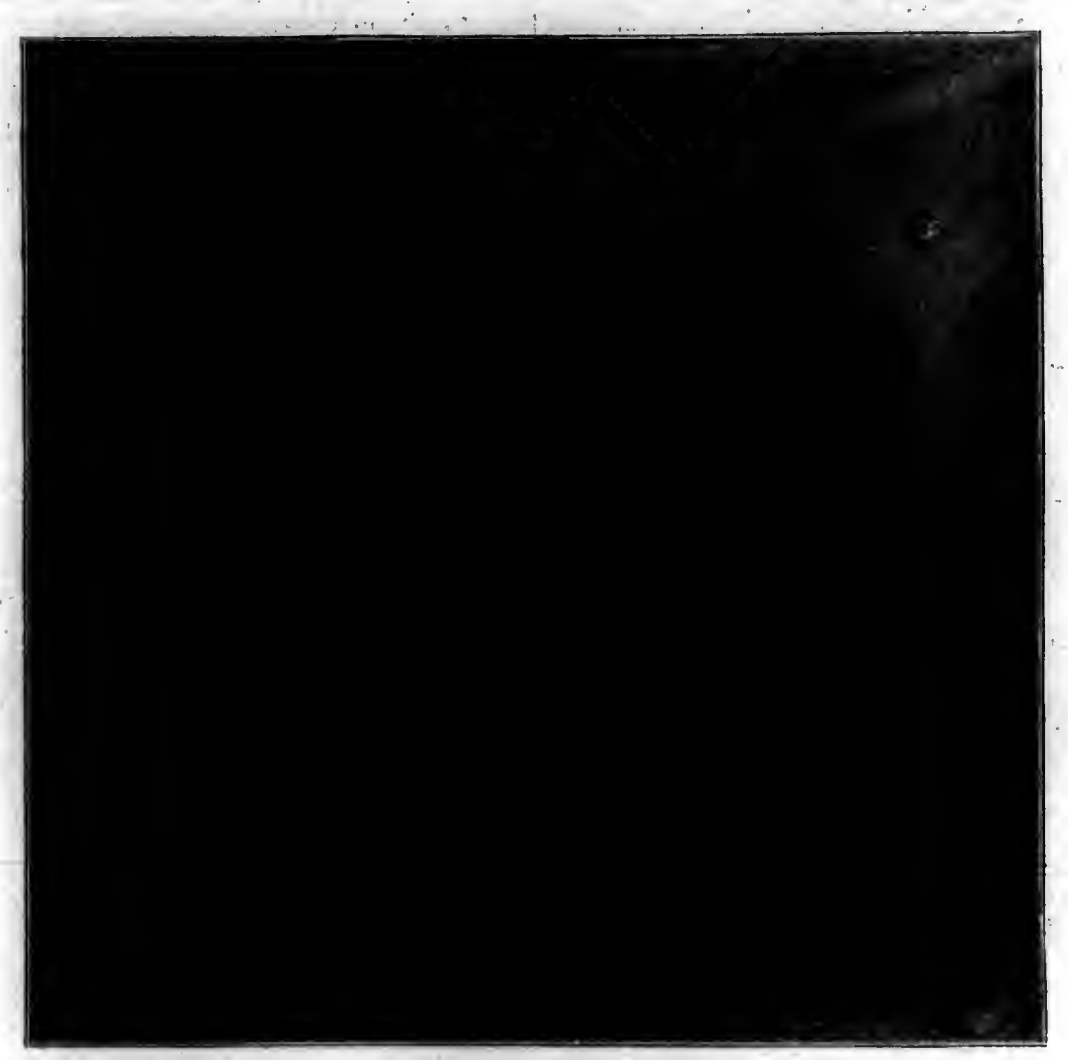
Cut Carnations. Vase of 50 blooms, white, any variety not mentioned, Vesey, 1st with Wood; Stridle, 2d with Flora Hill; Fillmore, 3d with Flora Hill.

Vase of 50 blooms, pink, any variety not mentioned, Vesey, 1st with Lawson; Ammann, 2d with Scott.

Vase of 50 blooms, red, any variety not mentioned, Vesey, 1st with Jubilee.

ising white, cream and bronze ones from Grove P. Rawson.

The first prize for twelve varieties went to Hon. J. S. Fassett, J. Rudy, gardener, for Eureka, Quito, Chempwec, Western King, Adula, Pennsylvania, Autumn Glory, Mme. Lucy Faure, Lorna Doone, Mrs. Constable, Helen Bloodgood and W. H. Chadwick. Nathan Smith & Son were second with Philadelphia, E. Dailledouze, Idavan, Mrs. W. C.



Vase of yellow Mrs. Jerome Jones Chrysanthemums shown at the Chicago Exhibition by John Mangel.

ELMIRA, N. Y.

The annual chrysanthemum show opened with the first snowstorm of the season, and from a floricultural point of view was a great success.

The local florists had tastefully decorated the hall with wild smilax, palms, junipers and chrysanthemum plants. The tables were well arranged, and the center of the hall occupied by a beautiful large vase arranged by Mr. Rawson.

The front of the platform was occupied by the long row of candidates for the Board of Trade silver cup for best new variety not disseminated. There were eleven entries for the cup, which was won by Timothy Eaton, from Miller & Sons, Bracondale, Canada. This is certainly a grand thing in whites. Other very fine ones were the Mrs. Elmer D. Smith, from N. Smith & Son, Adrian, Mich., a beautiful delicate pink; Yanariva, from John N. May; a fine yellow from Mr. Moon, of Carbondale, Pa.; some yellow seedlings, from J. Rudy, gardener for J. S. Fassett, and some promEgan, Mrs. F. A. Constable, Orizaba, Mrs. M. A. Ryerson, Lady Hanham, Chito, Mrs. T. L. Park, Lady Anglesy and Rustique.

In the class of best six varieties the premiums went the same way. Rudy first with Chadwick, Quito, Autumn Glory, Silver Wedding, Robt. Carey and Capt. Gridley; Smith & Son second, with Bruant, Merza, Idavan, Mrs. T. L. Park, Rustique and Orizaba.

Best six blooms, white, J. Rudy first, with W. H. Chadwick; E. M. & H. N. Hoffman second, with Eureka.

Best six pink, Rudy first, with Helen Bloodgood; Rawson second, with Maud Dean.

Best six red, Rudy first, with Mrs. T. H. Spaulding; Rawson second, with Casco.

Best six yellow, Rudy first, with Col. Appleton; F. R. Pierson Company second, with Col. Appleton, and Rawson's Pennsylvania specially commended.

Best variety certificated in '99. Rudy won with Goldmine, which the judge says promises to be a very fine variety.

Decorated vase won by Rawson with a large, beautifully arranged vase.

Best six plants. Hoffman, with white and pink Ivorys.

Best twenty-five carnations, red. Hoffman, with America.

Best twenty-five carnations, white. E. Orvis, with Flora Hill.

Best twenty-five carnations, pink. Hoffman, with Mrs. Thos. W. Lawson.

Best twenty-five roses. Rawson first, with Golden Gate; Hoffman second, with Wootton.

As a whole the exhibits were of a very high order.

There were also exhibited, not for competition, bunches of the new pink American Beauty rose, Queen of Edgely, sent by the Floral Exchange, of Philadelphia. This seems to be some lighter in color than the old favorite and full of fragrance. Gov. Roosevelt carnation, sent by Ward, is a splendid thing in form, color, stem and keeping qualities. Prosperity was shown by Dailledouze Bros., and more than fulfilled expectations of those who had heard of it. Witterstaetter sent his Enquirer, which is very pleasing in color and form. F. R. Pierson Company sent a fine lot of their pet chrysanthemum, Col. Appleton, which is certainly the best yellow grown. Those of this variety grown here by Mr. Fassett's gardener, John Rudy, were a wonder. John N. May sent some good Appletons and his new pink Yanariva was very graceful and attracted much attention.

Nathan Smith & Son's collection came the long distance in fine shape, and embraced many rare and beautiful varieties.

Other local growers, Mrs. H. D. Wells, E. Orvis, Fred L. La France, and Eugene Lewis, made good decorative displays.

Rawson had a fine lot of madeup pots of chrysanthemum plants, and Hoffman had well-grown cyclamens in six and eight-inch pots.

We did not like to let the cup go to Canada but the boys say they will win it back next year.

William Scott delighted every one with his excellent judgment and his genial presence. H. N. H.

PROVIDENCE, R. I.

The Rhode Island Horticultural Society held its annual chrysanthemum exhibition Nov. 14, 15 and 16. The display excelled that of many years and exhibits were present from Philadelphia, Cincinnati, Wellesley and Brockton, Mass., aside from growers within our own state.

Farquhar Macrae, of course, led the show with his large exhibit of eighteen vases of ten blooms each of chrysanthemums and in this line took all the premiums.

John Barr, gardener for Mrs. Cheney, Wellesley, Mass., was present with a fine lot of blooms and took first premium in the thirty bloom class, and several others in the lesser classes.

F. Macrae also exhibited the Col. Appleton, a fine chrysanthemum, with bloom eight to nine inches in diameter. The Solar Queen, by the same exhibitor,

attracted the attention of the visitors second only to the Col. Appleton.

In carnations there was a large and attractive collection. Among the large exhibitors in this line were S. J. Reuter of Westerly; N. D. Pierce, of Norwood; John A. Macrae and Farquhar Macrae. N. D. Pierce exhibited his seedling, Beau Ideal, which has taken several first premiums, a certificate of merit and two silver medals. He will put it on the market soon and expects a rapid sale.

Mr. Reuter exhibited Mrs. Thomas Lawson, Marquis, Morning Glory, and Mary Wood. He also exhibited Liberty, and it attracted general attention.

R. Craig & Son, of Philadelphia, exhibited the Queen of Edgely and were awarded a certificate of merit.

E. J. Johnston, John F. Parks and Wm. Powell made fine exhibits of foliage plants, palms, ferns and chrysanthemums and were awarded premiums in the order named.

R. Witterstaetter, of Sedamsville, Ohio, exhibited his new carnation, Enquirer, which was awarded a certificate of merit and was very much admired.

Aside from the flowers there was a large exhibition of fruit and a new department, just added to the society, of preserves, canned fruits, jellies, etc., was well filled and proved an attractive feature. S.

NEWPORT, R. I.

The ninth annual chrysanthemum show of the Newport Horticultural Society was held Nov. 13 to 15 and was an advance on any of its predecessors.

The Queen of Edgely rose was on exhibition and received a first class certificate of merit. A certificate of merit was also awarded to Edwin Jenkins for the new English tea rose Sunrise. Arthur Griffin received one certificate for display of Acalypha Sanderi and another for collection of maidenhair ferns. D. F. Roy, Malden, Mass., received a certificate for collection of cut chrysanthemums, and Frank Brunton was similarly honored for a collection of ferns. The Geo. A. Weaver Company received a certificate for display of florists' supplies, and Andrew S. Meikle for specimen dieffenbachias.

In the chrysanthemum plant classes John Barr was first on specimen yellow, specimen pink, specimen red, specimen any other color and specimen pompon. James Garthley was first on specimen white and specimen anemone. Robert Laurie was first on six plants, distinct varieties, six plants yellow, six pink, six red and six any other color. Alexander Fraser was first on six white.

In chrysanthemum cut blooms John Barr was first on twenty-five blooms distinct varieties and twelve blooms distinct varieties. Robert Laurie took firsts on six incurved, six reflexed, ten blooms pink, ten any other color, vase of seedlings and best table centerpiece of chrysanthemums. John Ash was first on ten blooms red, Alex. Fraser on ten blooms white and Farquhar Macrae on ten blooms white.

For group of palms and foliage plants arranged for effect on 100 square feet of space first went to Robert Laurie (gardener to Mrs. C. Vanderbilt), second to Andrew S. Meikle (gardener to Mrs. Wells), third to Richard Gardner (gardener to J. J. Van Allen). For group of palms, ferns and chrysanthemums first went to Robert Laurie and second to Harry Westley (gardener to I. Townsend Burden).

Robert Laurie was first on specimen areca and specimen kentia; Andrew Meikle on specimen any other variety, and specimen Adiantum Farleyense; Harry Westley on specimen nephrolepis, and Frank Brunton on any other fern.

In cut roses E. Jenkins was first on American Beauty, tea scented pink and tea scented white. In cut carnations W. Barth was first and John McMeekin second. Alex. Fraser was first on violets. Harry Westley was first for basket of flowers other than chrysanthemums.

In the amateur classes premiums were taken by Geo. Taylor, Mrs. E. P. Marsh and William S. Hazard.

ORANGE, N. J.

When the New Jersey Floricultural Society last May made a distribution of 6,000 chrysanthemum plants to the school children it might have been accused by unthinking persons of an attempt to overload our already overburdened craft with more florists and private gardeners, but this has not proved so in the exhibition which gathered together the fruition of their and their beneficiaries' labor on Nov. 14 and attracted a large crowd of both professional and lay visitors to view the children's work. It need not be said that in spite of a carefully prepared book of directions which accompanied the distribution the usual faults of the amateur were apparent in soft growth and defective potting, with other indiscretions, although the whole deserved the praise showered upon it and the interest which made it the most interesting exhibition in and around New York this season. Six prizes in money were awarded this portion of the show.

Together with this were the usual contributions of commercial and private gardeners of this section. The entire arrangement was under the management of Jos. A. Manda, to whose indefatigable labor praise for the successful arrangement must be given. At the entrance to the hall was a mammoth Boston fern, said by the judges to be the finest specimen they had seen. It was somewhat elevated, and beneath its spreading leaves was a specimen Begonia Rex, both the work of President Peter Duff.

Beginning to the left in groups was the children's work, arranged along the wall and almost round the room, according to the school which furnished them; these were separated by the palms for which the private greenhouses of this region are noted, notably Dr. H. A. Mandeville (Malcolm McRorie, gardener); Mrs. John Burke (Peter McLaughlin, gardener), and O. D. Munn (John Hayes, gardener). In the center, occupying the place of honor, was President Duff's fine exhibit of greenhouse plants in a close pyramid. At the back of the hall was an elaborate display of choice plants from W. A. Manda's extensive houses at South Orange, while the color to this scene was given by William Rinkle's (Dietrick Kindsgrab) display of crotons and dracænas, etc., and Sydney Colgate's (Geo. Smith, gardener), chrysanthemums, the choicest of the exhibition. Mr. Smith carried off the honors of the occasion, receiving a first prize, a special prize and an oil painting.

Close, however, to these came the display of the commercial men, the result of popular demand created by just such exhibitions and by the competition of kindred shows of this nature, Messrs. Popker & Collins' show of chrysanthemum blooms—Bonnaffon, Ivory, Philadelphia, Pennsylvania, Maud Dean, etc., varied and set off with ferns and plants, receiving a first prize for display, which they deserved. Besides the collection of W. A. Manda were contributions of the new blooms of John N. May, pompons from J. C. Williams, of Montclair, and Paul Wilcox, of Montclair, together with A. D. Rose's display, which occupied quite a space.

Among the many visitors from abroad were Thos. Gray, of Boston; Jas. Kidd and Jas. I. Donlan, of New York.

J. B. D.

CHESTNUT HILL, PA.

The first annual exhibition and chrysanthemum show of the Chestnut Hill Horticultural Society was very successful.

The prizes were divided among the following: Wm. Robertson, gardener to J. W. Pepper; Wm. Royce, gardener to Randall Morgan; Robt. G. Carey, gardener to Thos. C. Price; George W. Brown, gardener to R. N. Carson; Hans Reuter, assistant gardener to Chas W. Henry; James Ward, assistant gardener to Mrs. John Bohlen; Frank Gould, gardener to John T. Morris; Jos. Monahan, gardener to Chas. W. Trotter; Robt. Forrest, gardener to Beauveau Borie; Richard Moore, gardener to James Cheston, Jr.; Chas. A. Knapp, of the Mermaid Nurseries; John Little, gardener to John L. Welsh; Wm. Kleinheinz, gardener to P. A. B. Widener; Harry G. Carey; John McNeil, gardener to Chas. W. Henry; James Yelland, assistant gardener under Mr. Robt. Carey; John Walter.

H. A. Dreer, Philadelphia, made several fine displays and received certificates of merit for Japanese anemone chrysanthemums, the new Begonia Caledonia, display of bulbs, seeds and supplies, and palms and foliage plants. Certificates were also awarded to Wm. Royce, Frank Gould, R. Craig & Sons (for new rose Queen of Edgely), Percival Roberts, Jr.

Special mention was given Robert G. Carey for new pepper "Improved Celestial," and a canna seedling that exceeded anything in dark red foliage the judges had seen; to H. A. Dreer, Frank Gould and Andorra Nurseries for pompon chrysanthemums; to Wm. Vanderveur, gardener to W. J. Latta, for crotons; to Edw. Cox, gardener to Jos. Bromley, for Boston fern.



A bench of Nephrolepis Wittboldii at the greenhouses of The Geo. Wittbold Co., Chicago.

Certificates were also awarded to Albert Woltemate, Albert Schmidt, Chas. A. Knapp, D. Landreth & Sons, and H. Waterer.

In the vegetable classes there was an interesting display, and numerous prizes were awarded.

CINCINNATI.

The first monthly exhibition given by the Cincinnati Florists' Society was held in the club rooms at the flower market last Saturday afternoon and evening. The display was a creditable one, composed chiefly of chrysanthemums, although some good roses and carnations were to be seen. Albert Sunderbruch served as judge and awarded the following prizes:

Best 12 pink mums, W. G. Rodgers, for Mrs. Perrin.

Best 12 yellow mums, the E. G. Hill Co., for W. H. Lincoln.

Best 12 blooms, 12 varieties, the E. G. Hill Co.

The E. G. Hill Co. also exhibited a new pink mum, Mary Hill, which was recommended for a certificate, and a new red rose, Marquise Litta.

The special prize of $10.00 offered by Albert Sunderbruch for the best vase of Bonnaffon, was awarded to Geo. Bayer, of Toledo, Ohio.

The special prize of $5.00 offered by E. G. Gillett for best 12 blooms, any color, was awarded to Hill on Mayflower.

George & Allan took first on Brides, Maids and Meteors. They also had a display of mums, valley, narcissus and Romans.

Joseph R. Goldman, of Middletown, Ohio, took first on Perles.

There were no entries on carnations.

R. Witterstaetter had several vases which showed up fine, especially the Enquirer. Other varieties were Estelle, Lawson, and 723A, a beautiful white. Dick also had a vase of Bonnaffon that was all right.

Nathan Smith & Son exhibited their new yellow chrysanthemum, Mrs. Elmer D. Smith, which was recommended for a certificate.

The Floral Exchange sent a vase of the new rose, Queen of Edgely. It is of the type of the American Beauty, but a lighter shade. B.

MONTREAL.

The annual chrysanthemum show was a success as a display, but the wretched weather made it a failure financially. It was opened by Lord Strathcona, assisted by many well known people.

In the plant classes first prizes were awarded to F. C. Smith, William Whitman, C. A. Smith, W. G. Pascoe, G. A. Robinson and J. Pidduck.

In miscellaneous plants firsts were taken by Wilshire Bros., Jos. Bennett, F. C. Smith, W. J. Wilshire, John Walsh, C. A. Smith, Geo. Robinson and R. W. Whiting.

In cut chrysanthemums firsts went to W. J. Wilshire, T. McHugh and W. H. Horobin. In roses and carnations the winners of firsts were W. H. Horobin and P. McKenna & Son. In decorations first honors were taken by Wilshire Bros. and Jos. Bennett.

INDIANAPOLIS, IND.

The exhibition of chrysanthemums, etc., at the horticultural rooms in the state house, given by the State Florists' Association, Nov. 14, was a grand affair. The quality of the blooms were unsurpassed and the competition in most of the classes was very keen, and those who were lucky enough to win premiums certainly deserve them.

H. W. Rieman won first for market plants in 6 and 8 inch pots; 6 blooms, 6 varieties; 10 blooms, 10 varieties, and 25 blooms in variety. E. Hukriede, first for single stems, and for 6 blooms of W. H. Lincoln. West View Floral Co., Knightstown, Ind., first for 6 blooms white; 6 blooms pink and 6 blooms any other color. G. Teilman, Marion, Ind., first for 25 blooms, one variety. W. W. Coles, Kokomo, Ind., first for 10 white roses; 10 pink roses; 10 roses any other color; 25 pink carnations and for vase of 25 roses arrangement considered. J. W. Bernard, Marion, Ind., first for 25 white carnations; 25 red and 25 any other color.

Special mention to H. W. Rieman for collection of seedling mums; John Hartje, for vase of pompon May William-

son; J. Heidenrich, market plants; Bauer & Smith, seedling carnation Elma, and to the Bertermann Bros., for their general display of orchids, mums, ferns, Romans, etc.

Honorable mention to Stuart & Haugh for vase of Avondale carnation; R. Witterstaetter, for vase of Enquirer, and to H. W. Rieman, for Begonia Gloire de Lorraine.

The new rose, Queen of Edgely, arrived too late to be staged at the exhibition.

The judges were C. Knopf, Richmond, Ind., and A. E. Nelson, this city.

The meeting in the evening was well attended and the question of giving a larger show next year was discussed, though nothing definite in regard to it was done. Two members were taken in.

Bert Stanley and Miss Anna Arbker were recently married.

Trade here is rather dull. Mums are plentiful, but sell slowly. There is little call for roses and carnations, although violets are in great demand. The outlook at present is that there will be a big supply of mums for Thanksgiving.

FRED.

WACO, TEXAS.

The annual chrysanthemum show of the Texas State Floral Society brought out a good display. E. H. Michel, of St. Louis, was the judge. The leading prize-winners were Baur & Smith, Indianapolis, Ind.; W. L. Reese, W. L. Martin, Miss Anna West, J. W. Barnett, James Wolfe, Chas. Mayer, Miss Anna Wolfe. There were numerous classes for amateurs only and for children. Gov. Sayers opened the exhibition and was assisted by numerous prominent people. The daily press gave the show unstinted praise.

NORTHAMPTON, MASS.

The annual chrysanthemum show exceeded that of last year in variety and extent. The leading exhibitors were E. J. Canning, Donald McGregor, A. Parks, H. W. Field and G. W. Thorniley.

THE printed proceedings of the New York convention of the Society of American Florists has been issued.

BUFFALO.

I have a dismal story to tell you of the weather of late. Buffalo has had two or three inches of snow, but it has passed away. Every day for nearly two weeks it has been snow or rain. Perhaps for horticulturists generally this is not a great calamity, as they have pretty nearly everything housed, but for our Pan-American work it is quite serious, much delaying the planting of many thousands of bulbs which are yet to go in. The Indians, with their wood and weather craft, predicted this storm and left their log houses at the Exposition grounds and went home for two weeks, and they say we are yet to have our Indian summer. May it be so. It is more, at present, a kind of muddy flood.

Some ten miles south of Buffalo is the little village of Orchard Park, and the florist of that town is Mr. Jerry Brookins, a very industrious and energetic young man. He supplies the market with the best sweet peas and many other things, and incidentally early cucumbers. Five feet of snow fell on his houses in a few hours, crushing in two large ones built this summer. His loss is said to be at least $2,000. I don't know that there is any insurance against such a calamity as this and he has the sympathy of all the Buffalo men, for Jerry is very popular.

Business has been fairly good. No large events, but a steady demand. Last Saturday night saw the stores well cleaned up of everything. There are no high class violets yet in and the past two weeks have been the most unfavorable for producing good roses. Everything is soft. Mr. Guenther, of Hamburg, is sending in some very fine chrysanthemums, mostly Jerome Jones and Golden Wedding. Mr. Fotheringham called on his way from Chicago going east.

I was favored with an invitation last week to visit Elmira and judge their chrysanthemum exhibit. Elmira is a pretty little city in the Chemung valley and is noted for several things. It is the home of the well known politician, David B. Hill, also of the much abused Mr. Brockway, and last, but not least, of Mr. Grove P. Rawson, so widely known floriculturally. I was very courteously treated by that good business man, Mr. H. N. Hoffman, who is the able and business-like secretary of the Elmira Horticultural Society. Their show was held in the play room of a fine church. You would be much surprised at the excellent quality of the flowers displayed. No doubt the Elmira correspondent will give you an account of who took the premiums. I am not able to say who did, but I will swear they were dealt with impartially. There was a silver cup for the best seedlings, not disseminated, and here again "Timothy Eaton" took the cup. There were no less than seven or eight entries in this competition, two others of which (both yellow) were very good, but Timothy Eaton is a wonder. I wrote up this new variety last year and can say no more about it now. I believe that it can yet be grown larger and finer than is done at Bracondale. I was ably assisted in judging by a volunteer, and that was Mr. C. W. Rockwell, of Bradford, Pa., whose mature judgment was of great value when it came to a fine point. There was a very fine vase of carnations (Gov. Roosevelt) and a vase of Queen of Edgely roses. These novelties attracted great attention.

They seem to have the knack in Elmira of interesting the society people. There was quite a good attendance of the ladies of the city, but like most of our shows this year they were sadly handicapped with bad weather. I was very glad to make the acquaintance of Mr. John B. Rudy. I have an idea that he gobbled up most of the first prizes for chrysanthemums. He is gardener to Hon. J. Sloat Fassett, who has a princely place in the suburbs of Elmira, which he calls Stratmount. It is sixty acres, lying close under one of the high hills, of which this region mostly consists, for it is the foothills of the Appalachian mountains.

I don't know that I have seen a much finer residence than Mr. Fassett's. The garden and grounds are in keeping with the magnificent mansion. I called it a princely place, and so it is, and our country is going to be embellished with many such places. Mr. Rudy is not an Irishman, as his name would imply, but an Alsatian. He is an all-round gardener. Not a carnationist, nor a rosarian, nor a great grape grower, but he is an all-round man, and it was quite a pleasure to see his place and have a talk. It's not every man who can grow first-class roses, prize chrysanthemums, fine cyclamen and splendid ferns all in the same house, as he does.

I had a look around the Hoffman establishment, which is quite extensive; mostly devoted to cut flowers. They also have a large nursery. Mr. Richard King is their grower. He wears a wide hat and has a little of the wild west appearance, but he is a good and earnest gardener for all that. Mr. King, Mr. Rockwell, Mr. George Fancourt, of Wilkes Barre, and our Billy Kasting met in Elmira some time last year and had a sort of a night of it. They expected that W. S. would also put in the same sort of a time, but I was very sorry that I could not see it that way. My time was limited, having to leave for home on the same evening and I had no opportunity to visit Mr. Rawson, but I saw the man himself, and he looks fat and rugged and more like an Alpine climber than a florist.

I had the pleasure there to meet Mr. Higgins from the little town of Avoca, some twenty miles north of Elmira. In this little city there is a colony of gardening enthusiasts. They are all amateurs and their specialty runs to sweet peas. From the thorough culture and the magnificient flowers they produced I should say that no such sweet peas are grown anywhere. It is a fact that when the Rev. Mr. Hutchins visited them last summer he was surprised at the quality of the flowers. They have also taken some national prizes from this locality.

They have all promised to take an active part in the exhibit of sweet peas which we intend to have on a large scale at the Pan-American Exposition during the last week of July. W. S.

BALTIMORE.

Trade and Personal Items.

Trade has not developed much activity so far, and whilst weddings have been numerous there have been few with elaborate floral displays. There are signs that the chrysanthemum is declining somewhat in popular favor; at least there is not the general exhibition made of it on the streets and in the windows such as was seen a few years ago. The finer classes, however, have gone off fairly well, but for inferior flowers, or, at least, say for smaller flowers, the demand has been light and uncertain. On Saturday a brisker business prevailed.



Vase of American Beauty Roses Shown at the Chicago Exhibition by the South Park Floral Co., New Castle, Ind.

Our weather here has been fairly typical autumnal, the mercury one or two mornings only going so low as freezing.

Last week there were two mum shows, one by the Gardeners' Club the other by Posner Bros., one of our leading department stores. The first, which was a free show, was largely visited and the flowers on exhibition were exceptionally good, consisting mainly of the standard sorts. G. D. Lotze, of Anne Arundel County, had some conspicuously fine examples. The display at Posner's was large, showy and very effectively arranged and attracting much attention, served, doubtless, its main object of advertising the wares of the firm. We understand one grower sold them for it some 1,200 large flowers, and the local trade was given something of a fillip by the demand created. The event deserves in this regard commendation, as well as for the taste shown.

Messrs. Samuel Feast & Sons are occupying their new store, corner of Charles and Pleasant streets, a modern show room, tastefully equipped and decorated, with ample windows and commodious basement with northern light, and altogether the most convenient and handsome florists' establishment in our city and quite redeeming it, so far as this old but enterprising firm is concerned, from the reproach a year or two ago of your contributor, William Scott, as to the character of its retail florists' places of business. The Messrs. Feast will continue, as we are advised, for some months to use their old stand lower down Charles street until building improvements compel them to leave.

Another candidate for public favor is Mrs. Hasseidel, who has opened a neat store on North Eutaw, near Monument street, a locality which ought to be a favorable one for this kind of a venture, there being few near competitors.

A recent call on Mr. John Cook at his handsome place on Edmonston avenue disclosed his new seedling rose Baltimore in full and splendid crop, with every indication of possessing qualities to make its advent a notable event to rose growers and lovers. Some samples sent to Thorley, New York, and S. S. Pennock, Philadelphia, received great admiration. A house is planted with a new carnation, a seedling from Scott, of somewhat darker tint, fine stem and remarkable fragrance. Mr. Cook's fondness for hybridizing and crossing varieties of plants is extending, and his operations with roses, carnations, chrysanthemums and other plants give promise not only of interesting but profitable results.

The war of words over the conduct of the business of the Park Board goes on, and the daily papers freely condemn the disposition of matters of public interest behind closed doors. It could hardly be expected that when the questions of appointments and removals of officials and employes, involving often inquiries as to their characters, antecedents and habits, necessarily come up, that this should be done in public, but on subjects of general and public interest the people ought to know what is being done or proposed to be done. The board is erecting in several of the parks houses for the propagation of bedding stuff, which hereafter will not be bought from the trade, and is reducing expenses by the dismissal of section superintendents and putting the various public squares under the charge of the superintendents of the larger parks.

For the first time here, so far as your correspondent recalls, an advertisement is appearing in the daily papers of a "reliable florist who wishes to contract with a grower for a supply of roses and carnations for the season." This shows, at least, that the local field is not so easily covered as formerly, when every retailer knew practically every grower and the quantity, quality and disposition of his output. RIX.

BOSTON.

Trade Conditions.

One day's good run of traffic is all we need to bring everything down to its bearings. Consequent upon the cooler weather all crops have shortened except perhaps the chrysanthemum crop and the bulb goods product.

Violets have shortened the most, being quite scarce and roses next, but there has been enough to supply practically all demands at a fair figure. Paper white is getting more plentiful, and Roman hyacinths are appearing. Fine white flowers for filling funeral designs are in good supply, being chiefly candytuft and stevia. The carnation market has not changed very much, but prices have advanced a little. Higher prices on everything are in the wind. Chrysanthemums have not yet advanced in price nor fallen off in quantity. Easter lilies are coming in quite freely.

Various Items.

W. W. Tailby exhibited a dozen white Bonnaffon chrysanthemums in the Park street market, claiming them as the first of the kind under the tapering spire. They were surely good ones.

Bromfield street Lary has a cunning little pair of new specs. They are supposed to be of the "diminishing" kind, that will make blossoms look small while buying them, so he can conscientiously offer a low price, too, the figures look smaller when he signs the growers' sales slip. And they do give him a most "distangy" appearance.

Richard Kidder, of Waltham, is going through the motions of bankruptcy. About a 50 per cent settlement is expected.

Mr. Costello, now employed at Wax Bros.', is allowing his creditors the same satisfaction, but the dividend, if any, will be a small one.

Business must even be slopping over out Auburndale way. Freeman & Fletcher have expanded to the extent of establishing a branch store at 122 Moody street, Waltham, where they have the facilities for doing a good business.

J. S. Manter.

CHICAGO.

The Market.

Trade picked up a little the latter part of last week, but has since relapsed again, and though the supply of roses has shortened still further owing to the continuance of dark weather there is still a sufficiency to meet the light demand. The promises of winter were not fulfilled, and rain succeeded the snow. It is about as unsatisfactory a condition as could exist.

All are still guessing on what we shall have for Thanksgiving trade, and few dare to venture a prediction except that there will be a shortage of roses. It is also probable that there will be none too many carnations. There will no doubt be enough chrysanthemums and violets to meet all reasonable demands. Just how serious the shortage of roses and carnations will be will depend upon the demand, and if demand is equal to that of last year it will be considerable. But the season has been so abnormal that few feel like judging the possibilities of this year by what took place last season. "All signs fail in dry times," and this season has so far been a very "dry time" with the florists.

On Wednesday the sun gave us his welcome rays again, and if more favorable weather continues we may yet have a fair supply. But the weather man predicts otherwise.

Several Thanksgiving price lists appear in this issue.

Club Meeting.

At the last meeting of the Florists' Club Frank Oechlein and John Mangel were elected to membership.

Mr. P. J. Hauswirth reported for the committee in charge of the booth at the flower show. The gross receipts were $263.10 and disbursements $2.90, making the net proceeds $260.20, as recorded last week. The flowers for sale at the booth were contributed by the following: J. C. Vaughan, Edwin Eagle & Co., Anton Then, George Harrer, N. P. Miller, Chicago Carnation Company, John Felke, P. J. Hauswirth, Gaurdian Angel Orphan Asylum, Walter Retzer & Co., Emil Buettner, Johnson & Carlson, A. McAdams, J. T. Anthony, August Jurgens, A Friend; Geo. A. Rackham, Detroit, Mich.; John Bauscher, Jr., Freeport, Ill.; Samuel Batson, Kalamazoo, Mich.; Geo. Engel, Xenia, Ohio; Mrs. E. T. Grave, Richmond, Ind.; Gunnar Teilmann, Marion, Ind.; W. J. & M. S. Vesey, Fort Wayne, Ind., and several others that failed to send their cards with their contributions.

The thanks of the club were extended to the committee, consisting of Messrs. P. J. Hauswirth, W. J. Smith, and C. A. Samuelson, and also to the donors of the flowers, and the trade papers were requested to publish same.

Financial Secretary Winterson reported collections of $90 since last meeting, which announcement was received with applause, and on motion a vote of thanks was given Mr. Winterson for his able management of his office.

The essayists for the evening had not prepared their papers, not having received notice to have them ready for this meeting, and they were passed for the present. At the next meeting roses will be the subject, and papers are expected from Messrs. Luke Collins, Geo. Collins and Paul Kopanka on various phases of rose growing.

Various Items.

The chrysanthemum show at Lincoln Park has attracted many visitors, the conservatories having been well lighted in the evening. The collection includes many pompon and anemone varieties in addition to the standard sorts, and there are many of the older kinds to be seen. Head Gardener Stromback has raised a number of seedlings that he has named after local people.

McKellar & Winterson are showing a big line of vases and jardinieres. Business in their florists' supply department is growing fast.

E. H. Hunt has received an early shipment of holly and it is remarkably fine, the foliage first class and the sprays unusually well berried. Judging from this lot the holly will be all right this year.

Mr. B. Eschner, of M. Rice & Co., Philadelphia, was a recent visitor, as was also Mrs. Isaac Miles, Oshkosh, Wis.

Kennicott Bros.' Company are receiving a fine lot of the winterberry from Geo. Scott's country estate in Michigan.

Weiland & Risch will be especially strong in chrysanthemums and fancy carnations for Thanksgiving. Poehlman Bros. say they will probably have enough mums to help out. J. B. Deamud says he will have an extra fine lot of mums, and the dealers generally look for a good supply. The retailers' opportunity will be to push sales of mums. They can safely figure on a satisfactory supply and at prices little if any higher than have prevailed recently.

Geo. Biddy has opened a store at 247 35th street.

Our old friend "Cash" has opened again for the season, this time at 84 Jackson street.

The bouquet green outlook is not very satisfactory. It seems pretty certain that the supply will be very short and that prices will be much higher than last year.

Otto Fehrlin, of Galveston, Texas, is in town looking for a business opening here. He says that Galveston may never have another flood but he proposes to play safe.

Robert Lundstrom is now gardener for Mr. John Dupee at Oconomowoc, Wis.

William Kirkham has taken a position with Isaac Miles, Oshkosh, Wis.

B. J. Blameuser, the Wells street florist, is suing for a divorce. He has been married but little over a year and seems to have had a good deal of trouble during that time.

Bowling.

The bowling team played three games in the Anson league last Monday night and lost the three by a narrow margin. It was an unlucky night, for while coaching his team Capt. Winterson got an ugly cut in the forehead from a bowler in another team who swung his ball back to an unusual distance before delivering it. An ordinary man would have been knocked out of time, but though he bled badly and the crowd was much frightened Ed simply washed the blood away, had a surgeon take three stitches in the cut and was on duty the following day with merely a big patch of court plaster on his forehead to tell that something had happened. The scores follow:

Geo. Stollery	159	156	178
F. Stollery	159	157	152
P. J. Hauswirth	158	189	143
Jno. Degnan	169	175	155
C. Balluff	180	204	183

After the last meeting of the Florists' Club a few games were played and the scores follow:

E. F. Winterson	144	190	168
N. A. Schmitz	209	128	148
Jno. Zeck	128	144	130
C. Hughes	111	139	124
Jno. Reardon	125	96	94
G. L. Grant	135	136	...
A. McAdams	91	...	...

ST. LOUIS.

The Market.

Now that the show is over trade is again looking up and can be called better than for some time past.

Chrysanthemums, while still in abundance, are less a factor in the market than a week ago, and roses, violets and carnations are resuming their position of prominence. Roses and carnations are slacking up somewhat and are not so plentiful as they were ten days ago. Violets are also scarce and hardly enough come in to supply the demand.

Prices have also gone up a peg. First-class Beauties are still selling above everything else in the rose line, price averaging about $2 per dozen. Other roses bring from $2 to $5 per 100.

Carnations for the fancy sorts bring $2, but the bulk is sold at $1.

Chrysanthemums are selling fairly well, and the large fancy varieties bring from $15 to $18 per 100 and from that down to $2 for the smaller sorts, which are mostly used for funeral work. Good valley still has a call at $3 and $4.

The wholesalers claim that shipping trade is better than ever and that a great deal of the best stock is shipped out of town. Some of them have quite a number of orders booked ahead for Thanksgiving day, and from this they expect to do a rushing business both local and outside.

Notes.

At this writing very little can be said about the show financially. The last and best day the weather kept many away, but should there be any loss it will not be great. The committee will meet some time this week and the next issue we can report just how we stand.

Frank Ellis, who opens his wholesale house to-day at 1402 Pine street, has been very busy all week getting things in shape for his opening. Frank came in mighty handy last week as a judge during the chrysanthemum show.

William E. Jordan, son of the late J. M. Jordan, was injured in a street car accident last Saturday which may result in permanent disability.

Fred Ammann was the proudest man at the show, getting all firsts on American Beauties. We will have to change his name now to the "Beauty King." Fred, of course, took all firsts on Perles.

Mrs. Vesey, of Fort Wayne, Ind., showed a fine vase of Lawson carnations during the show, which was the center of attraction. Mrs. Vesey had to buy an extra satchel to carry home all the blue ribbons, as only in two classes did they escape her. We missed the judge very much, and would like to have had him with us.

Mr. Fred Lemon, who represented E. G. Hill & Co., of Richmond, Ind., made quite an impression on the St. Louis florists. Everybody would ask: "Who is that tall, handsome gentleman, and where did he come from?"

Toney Riesig, the representative of Nathan Smith & Son, of Adrian, Mich., was quite a favorite with the ladies. Toney knows his business. He doesn't say much, but he's "Johnnie on the spot" when it comes to staging on time. Messrs. Smith & Son ought to feel proud of him.

Bowling.

The bowling seems to have taken a new life, as ten florists were seen at the alleys on Monday night. The new men, Messrs. Miller, Mohr and Winter, doing fairly well for new beginners, and will no doubt do better in time. The scores were as follows:

	1	2	3	4	To.	Av.
Kuehn	219	168	178	147	712	178
Beneke	155	164	166	131	616	154
Young	118	182	142	....	442	147
Weber	156	152	111	....	419	140
Adles	123	148	105	161	537	134
Sanders	141	122	122	121	506	127
Kunz	143	119	101	136	499	125
Mohr	76	113	....	....	189	95
Miller	52	135	77	....	264	88
Winter	63	....	....	....	63	63

J. J. B.

SAN FRANCISCO.

The Market.

Business this week has been fair, being a week of grand opera and commencement of opera season, the trade in the cut flower line has been helped out considerably. The weather remains warm, with showers and thunderstorms once in a while. White chrysanthemums are becoming scarce; the yellow kinds are still plentiful. Some nice paper white narcissus is in the market this week. Violets are good as to quality and plentiful.

Prices: American Beauties, 75 cents to $2.50; Brides, Bridesmaids and Kaiserins, 25 to 75 cents; Meteors, 35 cents to $1; Liberty, 50 cents to $1.50; Brunners, 6½ cents. Carnations—Hobart, $1; Crocker and Lawson, 35 to 50 cents; Schwerin, 20 to 35 cents; mixed fancies, 50 cents; Bradt and Marquis, 25 to 35 cents; Hill, 20 to 25 cents; Scott, 15 cents; Portia, 10 to 12½ cents. Chrysanthemums—Bonnaffon, $1; Jones, $1.50; outside ones, 5 to 50 cents per doz. Violets—Princess of Wales, 75 cents to $1; California and Marie Louise, 50 to 75 cents.

Notes.

At Santa Cruz the weather has been so warm that it has affected the fruit trees. On the McCann place are three large pear trees completely covered with white pear blossoms and many of the pear trees in Ben Lomond mountains are in full bloom.

At San Jose a project is on foot to hold a floral carnival next April, when President McKinley visits California. The business men and citizens are in favor of the plan and the mayor of the town has expressed a willingness to call a meeting to arrange for a celebration. The flowers in this city and county will be at their best in April and a monster floral carnival would be a fitting reception to the president.

Mr. E. Gill has just completed a new palm house, 25x90.

Morse & Nelson have a fine bench of freesias that would be hard to beat.

J. N.

PEORIA, ILL.

We are experiencing another mild spell after the cold snap. There has been quite a livening up in flower sales, with plenty of good mums, roses and carnations.

C. Loveridge is picking some very good Marie Louise violets.

Cole Bros. have enlarged and fitted up their store, making it the finest store in the city devoted exclusively to cut flowers. They report a steadily increasing trade. Joe Cole is an expert at his business and one of the most popular men in town.

J. C. Murray is very fortunate in having so able a man as Mr. Cox to look after his seed and nursery business. Mr. Cox is well known in Boston. Murray's carnations are very fine this year and do great credit to H. Bear, the grower.

Kuhl's Boston ferns are going at a great rate; they are very fine.

Jos. Reeve has resigned his position as foreman for J. C. Murray and has gone to Racine, Wis., on a visit to friends.

H.

RALEIGH, N. C.—A chrysanthemum show was held here Nov. 13 under the auspices of the ladies of the Church of the Good Shepherd.

WOOSTER, O.—Jacob Long & Son, of this place, have received the contract for building new greenhouses and remodeling old ones at the Experiment Station. The changes will cost about $4,000.

OMRO, WIS.—The sixth annual chrysanthemum show of the Omro Hort. Society was held Nov. 14 to 16.

TOLEDO, O.—In a recent window decoration at the store of Geo. A. Heini the central feature was a picture of President McKinley, encircled by a wreath of flowers and with a pink carnation inserted in the lapel of the coat. It attracted much attention and was mentioned by the local press.

TERRE HAUTE, IND.—The M. A. Hunt Floral Co. have sold their retail store to F. Wunker & Sons and will in future confine themselves to wholesale growing only.



Your Bank Account will improve if you take this book as a daily companion for your head during this winter.

SENT PREPAID FOR

$5.00

FLORISTS' PUB. CO.,

520-535 Caxton Bldg.,

CHICAGO.

SAMUEL S. PENNOCK,

WHOLESALE FLORIST.

UNSURPASSED FACILITIES enable us to give our customers **PROMPT** service, the **BEST** and **CHOICEST** of flowers, including the latest novelties; handled and delivered with the greatest care and despatch.

THANKSGIVING trade.

CHOICE lot of **CHRYSANTHEMUMS,** fancy stock, $2.00 to $3.00 per dozen; ordinary, $8.00 to $15.00 per hundred.

Write for our **WEEKLY PRICE LIST.**

NEW FEATURE.

Full and complete line of **RIBBONS,** especially adapted for Florists' use.
Prices and samples sent on application.

1612-14-16-18 Ludlow Street, - PHILADELPHIA, PA.

Mention The Review when you write.

COMPETITION.

That competition is the life of trade is true when it means merely the lowering of the cost of production and is coupled with honest methods and honorable dealings.

Cutting down cost of production does not always mean reducing wages or taking on unskilled help. It more often means better help, newer and more practical methods and equipment, studying more closely the requirements of buyers and giving them practically what they ask for, thus retaining their patronage and making them larger and better buyers.

The baneful results of selling below cost, intimidation and unfair methods of competition, are what the florists as a body should combat. In this broad land there is room for all, and we who live close to Nature's heart should be brothers all. Jos. Reeve.

AKRON, O.—Henry Heepe, the florist, died Nov. 13 of heart disease, aged 51 years.

BOSTON, MASS.—E. F. Castellar, the florist, has filed a petition in bankruptcy; liabilities, $3,066.77; assets, none.

NEW ORLEANS, LA.—Recent visitors were R. McGregor, Springfield, O., and J. B. Heiss, Dayton, O.

WANT ADVERTISEMENTS.

Advertisements under this head 10 cents a line, an average of seven words to the line.

WANTED—Estimates on Cypress Lumber Top, Glass and Piping for Greenhouse 114 feet by 22 feet wide inside. John D. Imlay, Zanesville, Ohio.

WANTED—Man that can grow violets and carnations, and will take an interest in the business. A liberal proposition to such man. Address with reference Henry Diers, Sibley, Ill.

WANTED—A first class florist, one who understands his business in roses, carnations, violets, mums and general potting stuff, no other need apply. Address Rudolph Kaiser, 96 College Ave., Annapolis, Md.

WANTED—Competent, single young man to work in greenhouses and hotbeds and in nursery if required. Will pay $40 00 per month with board to right man. Missoula Nursery Co., Missoula, Montana.

FOR SALE—A 25-barrel steel tank, with cover, for $20; as good as new. Gus. Knoch, Woodmere, Mich.

FOR SALE—4 feet by 12 feet horizontal steam or hot water tubular boiler; has 34 3-inch nearly new tubes. 3000 feet 4-inch cast iron pipe, elbows and tees. Pipe 9c per foot. C. & G. L. Pennock, Lansdowne, Pa.

SITUATION WANTED—By competent all around man, either private, wholesale or retail. With the M. A. Hunt Floral Co., charge of retail store until sold out Nov. 17th. 14 years' experience. English, 26 years of age. Address Wilson Tiplady, 291 E. Jefferson St., Kokomo, Ind.

FOR SALE—On easy terms, two plant houses, residence on the adjoining lot, in city of 12,000 inhabitants. A good paying business established. Address 1243, care Florists' Review.

FOR SALE.

MODERN IMPROVED GREENHOUSE PLANT of 7 houses (17,000 sq. ft. of glass), well stocked and in full operation; together with highly improved fertile farm of 52 acres, suitable for truck or general farming; modern dwelling with barns, ice house, stock sheds and out-houses. Easily accessible to Cincinnati. Well established wholesale and retail trade. **Address Suburban, care Florists' Review.**

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

McKELLAR & WINTERSON

Wholesale Dealers in everything for Florists.

THANKSGIVING PRICES.

Taking effect Monday, Nov. 26th.

Roses, Am. Beauties, select,	per doz.	$4.00 to $5.00
" " medium,	"	2.00 to 3.00
" " short,	"	1.00 to 1.50
" Meteors, Liberty	per 100,	5.00 to 8.00
" Brides, Bridesmaid	"	5.00 to 8.00
" Perles	"	4.00 to 6.00
" Our selection	"	5.00 to 6.00
" Good seconds	"	4.00
Carnations, extra select	"	3.00 to 4.00
" good quality	"	2.00
" our selection	"	1.00 to 1.50
Chrysanthemums, extra select	"	20.00 to 25.00
" good quality	"	10.00 to 15.00
" short stems	"	6.00 to 8.00
Orchids, Cattleyas, select	per doz.	6.00
" Cypripediums, select	"	1.50 to 2.50
" assorted sprays, etc.,	per box.	5.00 to 25.00
All Orchids very scarce.		
Violets, extra select, double	per 100,	2.00
" single	"	1.00 to 1.50
Valley, extra select	"	5.00
Stevia	"	1.50 to 2.00
Bouvardia	"	2.00 to 4.00
Migonette	"	3.00 to 5.00
Marguerites	"	.60 to 1.00
Paper Whites	"	4.00 to 5.00
Romans	"	4.00 to 5.00

DECORATIVE STOCK.

Ferns, Adiantum	per 100,	.50 to 1.00
" common fancy	"	.20
" " "	per 1000,	1.50
Ivy Leaves, fancy	per 100, 50c	" 4.00
Galax Leaves, fancy	" 15c	" 1.25
Leucothoe Sprays	" 75c	" 6.00
Smilax, extra select	per doz.	2.00 to 3.00
" choice ordinary	per 100,	12.50 to 15.00
Asparagus Plumosus, select strings,	per doz.	6.00 to 8.00
Asparagus Plumosus, sprays,	per bunch,	50c to 75c
Asparagus Sprengeri	per doz.,	25c to 75c
Wild Smilax, No. 1 contains 15 lbs.,	per case,	2.00
" No. 2 " 20 lbs.,	"	2.50
" No. 3 " 25 lbs.,	"	3.00
" No. 4 " 35 lbs.,	"	4.00
" No. 5 " 40 lbs.,	"	5.00
" No. 6 " 50 lbs.,	"	6.00

Prices subject to change without notice.

POINSETTIAS FOR XMAS.

Extra select, longest stems, largest flowers	per doz.,	$4.00 to $5.00
Extra select, fancy stock	"	3.00 to 3.50
Good grade	"	2.00 to 2.50
Ordinary and smaller flowers	"	1.00 to 1.50
Extra select, fancy stock	per 100,	25.00

Order now and secure finest stock at right prices. You cannot afford to be without Poinsettias for Xmas trade. We will have a limited quantity for Thanksgiving trade, order quick to insure filling your order.

"We originate."
"Others imitate."
IMITATION is the most sincere flattery.

Florists' Auctioneers.

XMAS GOODS--ALL KINDS.

We are booking orders on all the following goods for December delivery. We guarantee our prices as low as any reputable house:

Select Delaware Holly	per case,	$4.50
" " "	5 cases,	20.00
Bouquet Green, scarce	per case,	6.00
" " "	5 cases,	30.00
Bouquet Green Wreathing, per 100 yds,		3.00 to 5.00

Holly Wreaths, Green Wreaths, Mistletoe, Wild Smilax, Xmas Trees, Needle Pines, Cape Flowers, Immortelles and all decorative stock at lowest prices.

Immortelles, yellow	per doz. bunches,	$2.25
" all other colors,	" "	2.50

Place orders early with us and receive the best stock in the market.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00;	6 for	$5.00
" wire pressed " .75;	6 for	4.00
Tobacco Stems, fresh, 200 lbs for		1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100		15.00
Cape Flowers, white, per lb		1.00
" colored, "		1.50
Tissue Paper, manilla, per ream		.50
" " white, "		1.00
Wax " manilla, "		1.40
" " white, "		2.00
Doves, first quality, ea. $1.00;	per doz	10.00
" second " .85;	"	9.00
Rubber Aprons, ea. $1.50;	per doz	15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

FLORISTS' RIBBONS
For Thanksgiving and Xmas.

Some of the colors we supply are: **American Beauty, Bridesmaid, Meteor, Holly-Berry, Lavender, White, Cream, Purple, Green, Yellow, Orange, Lilac, Pink, Violet, Black,** and all the different shades of leading colors. Send us your order now. You cannot duplicate this quality of Ribbon for less than 20 per cent. higher prices.

No. 2	No. 5	No. 7	No. 9	No. 12	No. 16	No. 22	No. 40	No. 60
25c	45c	60c	75c	90c	$1.10	$1.30	$1.75	$2.00

The prices quoted are for ten-yard bolts.

McKellar & Winterson,

45-47-49 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

WASHINGTON.

An important change having for its object the unification of certain branches of the work, has just been made in the United States department of agriculture. Four divisions have become affiliated—namely, vegetable physiology and pathology, agrostology, pomology and gardens and grounds. By a closer union of these several branches much good can be accomplished in co-operative work. B. T. Galloway, who has been chief of the division of vegetable physiology and pathology for more than twelve years, becomes superintendent of gardens and grounds and director of the office of plant industry (the name adopted for the collective group of divisions).

SOW BUGS.

If "J. K." will feed the sow bugs on coarse brown sugar, mixed with paris green, he will soon have none to bother him. N. H. G.

LANSINGBURGH, N. Y.—Herman W. Liederley, the florist, died recently of heart disease. He was born in Berlin, Germany, in 1847 and came to this country 30 years ago.

THE Kansas City, Fort Scott & Memphis R. R. will erect greenhouses at several points on its line to grow bedding plants for its station grounds and flowers for its dining cars.

CRYPTOMERIA JAPONICA.....

(Japan Cedar.) **The Novelty Decorative Pine.** Everybody wants it. Takes the place of Araucaria Excelsa. Stroug plants from 2-in. pots, $5.00 per 100, or 20 for $1.00. **E. I. RAWLINGS, Quakertown, Pa**

Mention The Review when you write.

FIELD-GROWN CARNATIONS.

Albertini ..... } $4 per 100;
Tidal Wave ..... } $35 per 1000.
Armazindy and Triumph, }

FIELD-GROWN VIOLETS, $4.00 per 100; $35.00 per 1000.

POT-GROWN VIOLETS, 3-in., $3.00 per 100; $27.50 per 1000; 4-in., $4.00 per 100; $35.00 per 1000.

SMILAX PLANTS, 3-in., $3.00 per 100.

VINCAS, field-grown, $3.00 and $4.00 per 100.

Orders taken for Dailledouze Bros. "666" called "PROSPERITY."

12 plants, $5.00; 25 plants, $8.25; 50 plants, $10.00; 100 plants, $16.00; 1000 plants, $130.00.

WM. F. KASTING,

481 Washington Street, BUFFALO, N. Y.

Mention The Review when you write.

HOW WILLIE HELPED.



"Hullo, mother'll never win the prize with that scrawny little thing.



"Guess I'll push it along a little.



"There, that will boom 'er up."



Which, in due course of time,



It did.

—Chicago Daily News.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS.

J. A. BUDLONG,

37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity.

TRY US.

BRANT & NOE, 124-128 Sixth Street, N.

Mention The Review when you write.

The Cincinnati Cut Flower Co.,

416 Walnut St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.

Special Attention given to Shipping Orders.

Mention The Review when you write.

E. C. AMLING

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.

32, 34, 36 Randolph St.

CHICAGO, ILL.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

A. H. POEHLMANN,

Wholesale grower of and dealer in

CUT FLOWERS.

55 and 57 Wabash Ave., CHICAGO, ILL.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

H. G. **Berning**

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

1402 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

BENTHEY & CO., F. F. BENTHEY, Mgr.

WHOLESALE and COMMISSION FLORISTS,

Consignments Solicited. 41 Randolph St., CHICAGO.

CHRYSANTHEMUMS, 1st Quality, $18 to $25 per 100; 2ds, $6 to $15 per 100.

ROSES.

A. Beauties, long	per doz.,	$4.00 to $5.00
" medium	"	2.00 to 3.00
" short	"	1.00 to 1.50
Bridesmaids	per 100,	5.00 to 8.00
Perles	"	4.00 to 6.00
Kaiserin	"	5.00 to 8.00
Meteors	"	5.00 to 8.00

CARNATIONS, fancy	per 100,	$3.00 to $4.00
" good quality,	"	1.50 to 2.00
VIOLETS, good single	"	1.00 to 1.50
ORCHIDS, Cattleyas	per doz.,	6.00
VALLEY	per 100,	5.00
SMILAX	"	15.00 to 18.00
ASPARAGUS	per string,	.50 to .75
ADIANTUM	per 100,	.75 to 1.00
WOOD FERNS	per 1000,	1.50

WEILAND & RISCH

WE SOLICIT A TRIAL ORDER.

ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

59 WABASH AVE. - - CHICACO.

THANKSGIVING PRICE LIST.

AMERICAN BEAUTIES.

36-inch stems	per doz.,	$6.00
30 "	"	5.00
24 "	"	4.00
20 "	"	3.50
15 "	"	3.00
12 "	"	2.50
short stems, per doz.,		1.00 to 1.50

CARNATIONS.

Standard sorts	per 100,	$3.00
Fancy	per 100,	$4.00 to 5.00
Valley	per 100,	$4.00 to $5.00
Violets	"	1.50 to 2.00

ROSES.

Maids	per 100,	6.00 to $8.00
Brides	"	6.00 to 8.00
Meteors	"	6.00 to 8.00
Kaiserin	"	6.00 to 8.00
Golden Gate	"	8.00 to 10.00
Perle	"	5.00 to 6.00

CHRYSANTHEMUMS.

Select	per doz.,	$3.00
Medium	"	2.50
Ferns	per 1000,	$1.50
Asparagus, per string,		50c and up
Galax	per 1000,	$1.00
Leucothoe Sprays,	"	75c

Wild Smilax, Parlor brand, per case, $3.25; medium, $4.25; large, $5.50

Above prices to take effect November 26 (Monday).

WHOLESALE FLORISTS

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Carnation Blooms

OF ALL LEADING VARIETIES NOW READY.

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

SEMI-WEEKLY TOURIST SLEEPERS, CHICAGO TO BOSTON.

The Wabash road now operates a line of tourist sleepers as above, leaving Chicago Mondays and Thursdays at 9:25 a. m. and arriving in Boston 5:20 p. m. next day. New York passengers can occupy these cars as far as Rotterdam Junction, N. Y. (where the train arrives at 11:00 a. m.), reaching New York at 3:15 p. m. No excess fare required. Write for reservations. Ticket office, 97 Adams St., Chicago.

SPECIAL OFFERS FORCING BULBS.

	12	100	1000
Hyacinths.			
French Roman, 12x15	$ .20	$1.60	$15.00
Dutch " named	.30	2.50	24.00
" in separate colors	.55	4.00	38.50
" finest named sorts	.85	6.00	
Narcissus.	12	100	1000
Paper White, true grandiflora	$ .15	$ .75	$ 6.00
Von Sion, double nosed, extra size	.25	1.60	15.00
" large size	.20	1.40	12.00
All sorts, Polyanthus, single, double and Trumpets, mixed	.15	.90	7.50

Tulips. La Reine. Keizerskroon. Cottage Maid, per 100, $1.00; per 1000, $9.00. Joost V. Vondel, La Candeur, 100, 90c; 1000, $8.00. All other popular sorts at very reasonable prices. Mixed finest single, 100, 85c.; 1000, $7.00. Write us for prices.

	100	1000
Crocus. Finest large, separate colors	$0.30	$2.25

Lil. Longfl. 5x7, 100, $2.00; 1000, $18.00; 6x8, 100, $3.00; 7x9, 100, $5.00; 1000, $40.00. **Ready**, Auratum, Rubrum, Album.

CALLA. Spotted, 12, 50c.; 100, $3.00.

Seeds. Fresh crop 1900. Sweet Pea, early forcing sorts, 25c. a lb. Smilax, oz., 30c; lb., $2.50. Asp. Sprengeri, 100, 50c; 1000, $4.00.

Japan Fern Balls. Due in December. Send orders now for these **great money makers.** Send for our new price list for winter and spring.

Address **H. H. BERGER & CO.,**
Est. 1878. **47 Barclay St., New York.**

Mention The Review when you write.

JARDINIERE FERNS

Elegant stock,
$3.00 per 100, $25.00 per 1000.

Roses for the South. Varieties most adapted for southern planting. Just the thing you want. Stock A No. 1. Write for Price List.

J. B. HEISS, The Exotic Nurseries, DAYTON, Ohio.

Mention The Review when you write.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

For Thanksgiving we do not look for an oversupply. In fact, we think stock will be scarce. Our best judgement is that these will be our Thanksgiving prices.

THANKSGIVING PRICE LIST.

Subject to change without notice.

	Per 100.
Beauties, long	$30.00 to $50.00
" medium	18.00 to 25.00
" short	10.00 to 12.50
Brides, Maids	5.00 to 7.00
Meteors	5.00 to 7.00
Perles	4.00 to 6.00
Roses, our selection	4.00
Carnations	1.50 to 2.00
" named varieties	3.00 to 4.00
Violets	1.25 to 1.75
Valley	5.00
Adiantum	.75 to 1.00
Chrysanthemums,	
Fancy, per doz	2.00 to 3.00
Medium, "	1.25 to 1.75
Common Ferns, selected per 1000,	2.00
Smilax per doz.,	$1.25 to 1.50
Asparagus "	6.00
Leucothoe Sprays per 100,	75c to 1.00
Galax, Green per 1000,	1.50

Mahonia Leaves,

Per 100, $1.00

A WORD to GROWERS of CARNATIONS:

We have sold the cut of **IRENE** a pink carnation, and consider it one of the best commercial sorts we have ever handled.

WE ARE NOW BOOKING ORDERS for CUTTINGS.

PLACE YOUR ORDERS NOW.

$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

Mention The Review when you write.

PITTSBURG.

Various Items.

We have had quite a spell of winter in the last two weeks, which has started up roses and carnations and improved business. Roses are still plentiful and likely will be until after Thanksgiving. The store windows look gay and the chrysanthemum is a good flower with which to decorate them.

Smilax is plentiful but it is difficult to procure good Beauties and cattleyas. Romans and paper whites are in. Burki, as usual, is first with Harrisii, he cutting the first one last week.

Mr. Burki took in the chrysanthemum show at Chicago and is well pleased with his trip. While in Chicago he, with other florists, was taken by Mr. Washburn, of Bassett & Washburn, out to their place at Hinsdale, where everything was found to be in first-class condition, especially carnations, among which Bradt is "as fine as you can make it," as Burki says. He also visited Wietor Bros.', Reinberg's and Budlong's establishments, and he says that if Beauties are not plentiful in Chicago this winter it will not be for lack of number of plants planted.

Mr. Burki also visited friends in Peoria, Ill., and looked in at Murray's and found everything in good shape. Mr. Kuhl, in Pekin, across the river from Peoria, has quite an establishment for a small town and is a thorough business man, pushing things right along.

Mr. C. R. Leuschner, of Boston, Mass., is laying out a park of fifty acres at Sewickley for Mr. Boggs, of Boggs & Buhl, the department store people in Allegheny.

Mr. Hostetter, of Manheim, Pa., has been in town this week taking in the show at Schenley.

Mr. Killen, representing C. H. Joosten, New York, has been here on business.

The weather now is warm again and still favorable for outside work, as we have not had rain enough to wet the ground much. BAER.

SHOOTING.

The Philadelphia Florists' Gun Club held the monthly tourney Nov. 13. The principal event was for the club championship, which was won by John Burton, who scored 42. George Anderson finished a close second with 41. Summaries:

Twenty-five targets, unknown angles—Burton, 22; Smith, 19; Hamil, 19, McKaraher, 18; Anderson, 18; Redifer, 18; Bell, 17; Haywood, 17; Cartledge, 17; Dorp, 16; Sheeler, 16; Ball, 15; Sanford, 15; George, 14; Massey, 12; Webster, 10; Clarke, 10; Harris, 9.

Twenty-five targets, unknown angles—Anderson, 23; Bell, 21; Cartledge, 20; Burton, 20; Redifer, 19; Haywood, 18; Sanford, 18; Massey, 17; Hamil, 17; Harris, 17; Ball, 16; George, 16; Sheeler, 15; Webster, 15; Clarke, 15; Dorp, 14; Smith, 13; McKaraher, 10.

Club championship event, fifty targets, unknown angles—Burton, 42; Anderson, 41; Bell, 38; Cartledge, 37; Redifer, 37; Hamil, 36; Haywood, 35; Sanford, 33; Smith, 32; Ball, 31; Sheeler, 31; Dorp, 30; George, 30; Massey, 29; McKaraher, 28; Harris, 26; Webster, 25; Clarke, 25.

MONTGOMERY, ALA.—On Nov. 14th, at 7:30 a. m., the marriage of Miss Lucy Cary Wilson, the florist, to Mr. Thomas Rudolph was solemnized at the home of the bride. The couple left on the 8:30 train for Nashville, Tenn., and will be at home to their friends after Nov. 26th. No cards. We have had a few slight frosts, but not sufficient to hurt chrysanthemums or roses.

HEACOCK'S PALMS. I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

8 plants	6-inch pot	24 to 28 inches	$12.00 per doz.;	$100.00 per 100	
3 "	8 "	36 inches, fine	3.00 each.		

COCOS WEDDELIANA.

1 plant,	2¼-inch pot,	8 to 10 inches high	$15.00 per 100	
1 "	3 "	10 to 12 "	20.00 "	
1 "	4 "	18 inches high	.50 each	
3 "	5 "	18 "	1.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.;	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each	

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.;	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "
8 "	6 "	48 to 50 "	4.00 "	48.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

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FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.

Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, Hinsdale, Mass.

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VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER. H. Snowball, 85c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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Hardy Herbaceous Plants

All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $5.00 per 100, $45.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St., HOLLAND, Mich.

Mention The Review when you write.

Seasonable Stock.

BEGONIA REX, 3-inch pots, in good assortment, $6.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 3-inch pots, fine stock, $7.00 per 100.

VINCA MAJOR VARIEGATA, field-grown, extra strong, $6.00 per 100.

NEW GERANIUMS, including Jean Viaud and other choice sorts.

Stock plants of all the best **CHRYSANTHEMUMS.**

Send us list of wants for prices.

NATHAN SMITH & SON, - ADRIAN, MICH.

Mention The Review when you write.

Southern Wild Smilax

New crop now ready for shipment. Write for my descriptive circular and price list. I guarantee that all goods shipped by me will be of best quality hand picked, and of standard weight. I solicit your standing orders for the above goods. Reduced express rates to all points. Address all orders to, by wire via Georgiana,

J. G. BARROW, Red Level, Ala.

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PRIMROSES,

Chinese, large flowering, 2-in. pot, $1.25 per 100.

ASPARAGUS

Sprengeri, 2-in., $2.50 per 100.
Plumosus, 2-in., $3.50 per 100.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Always Mention the....

Florists' Review

When Writing Advertisers.

FIVE REASONS Why You Should Place Your Orders for..... AZALEAS

With Us At Once.

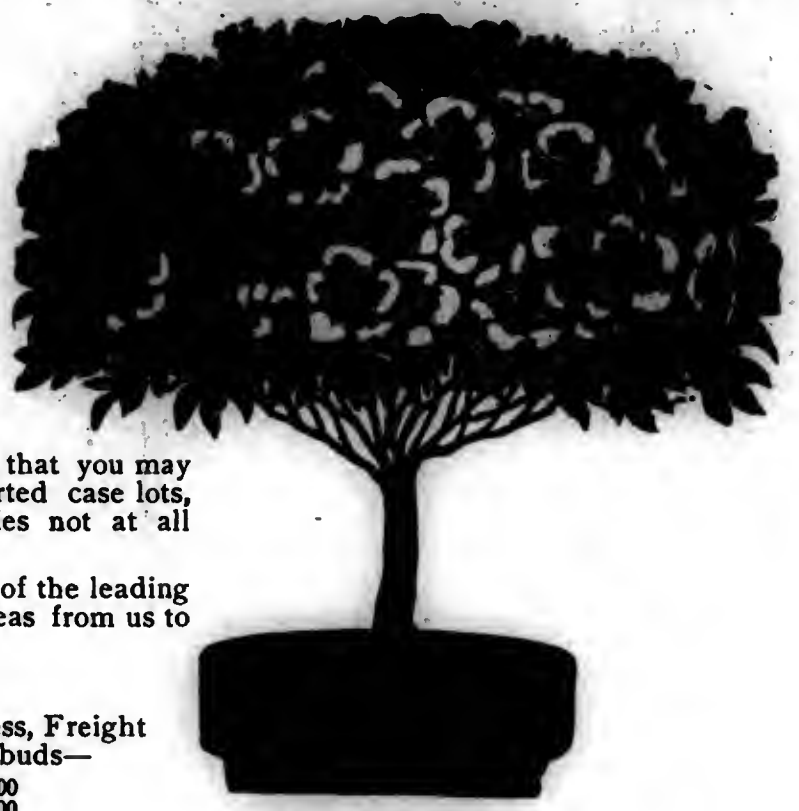
BECAUSE You can still take advantage of the mild weather, and have the plants come through safely by freight,

BECAUSE We are the largest buyers of Azaleas in the world, and make personal inspection of the stocks before they are shipped to us, and buy for spot cash, which enables us to secure the lowest prices, and you the benefit in quality of the plants.

BECAUSE Our importations are all repacked at our own nursery. Plants that have suffered in transit, and which are not well set with buds being discarded, you receive nothing but first-class stock, which is certain to give satisfaction.

BECAUSE We can give you any special assortment of varieties that you may wish. This is a great advantage over the usual assorted case lots, sent over from Belgium, which invariably contain many varieties not at all suited to the American market.

BECAUSE We wish to convince you as we have convinced many of the leading florists of the United States, that you can buy Azaleas from us to better advantage than if you make your own importations.



SPECIMEN AZALEA.

....PRICES....

Include duty, packing and delivery in good condition to any Express, Freight or Steamship Line in Philadelphia. Fine bushy crowns, well set with buds—

10 to 12 inches in diameter				.....	per doz.,	$ 4.50;	per 100,	$ 35.00
12 to 14	"	"	"	.....	"	6.00	"	45.00
14 to 16	"	"	"	.....	"	7.50	"	55.00
16 to 18	"	"	"	.....	"	12.00	"	90.00
18 to 20	"	"	"	.....	"	25.00	"	200.00
20 to 24	"	"	"	.....	"	36.00	"	300.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

NOW IS THE TIME to lay in your supply of FINE

Boston Ferns

FOR YOUR HOLIDAY TRADE.

Four and five-inch are nice sizes to buy. We have them in all sizes. Write us for prices.

GEO. A. KUHL,

Grower of ROSES, CARNATIONS, Etc.

PEKIN, ILL.

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DECIDUOUS TREES!

Medium and large sizes, including

Oaks, Maples,
Oriental Plane, Beech,
Birch, Ginkgo, Elms, Ash,
Lindens, Magnolias, Poplars and Willows

We have an immense stock of the above and are prepared to name **liberal** rates in quantity. Personal inspection invited. Correspondence solicited.

THE WM. H. MOON CO.

MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.

Philadelphia Office: 702 Stephen Girard Building.

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Choicest Stock. LOWEST PRICES.

VERBENAS, 20th Century Collection now ready. The finest set of New Mammoth Verbenas in America. 25 grand sorts, strong 2-inch pot plants, $2 00 per 100; strong rooted cuttings, 60c per 100; $5.00 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit, strong 2¼-inch, $1.50 per 100, (special).

GERANIUMS, strong 2-inch, mixed colors, $1.50 per 100. Strong R. C. of Bruanti and Heteranthe, best scarlet bedders and all colors mixed, $1.25 per 100; $10.00 per 1000, (special). Mme. Salerol, strong 2½-inch, $1.50 per 100; 2-inch, $1.25 per 100. Rose Geraniums, strong R. C., $1.00 per 100, (special).

NEW AGERATUMS, Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼-inch, $1.50 per 100; strong R. C., 60c per 100, (special).

ALTERNANTHERAS, bright red, variegated and yellow, 50c per 100; $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2¼-in., ready for 3-inch, $2.00 per 100, (special).

ROSES, strong 2½-inch Brides and Maids, $2.00 per 100, (special).

NEW DBLE. FRINGED PETUNIAS. The set we are to send out this season is a record breaker. Strong R. C. ready Dec. 10th. Place your orders early for this collection.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

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A1 Stock.

Asparagus Plumosus Nanus,

EXTRA FINE, from 3-inch pots, $1.00 per doz.; $7.50 per 100; $65.00 per 1000.

Asparagus Sprengeri,

From 2½-in. pots, $2.50 per 100; $20.00 per 1000.

English Ivy, Extra good. From 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Hydrangea "Otaksa" and "Hogg," good **field-grown** plants, 3 to 6 branches, $1.50 per doz.; $10.00 per 100.

Hydrangea "Otaksa" and "Red Branched," from 2½-inch pots, well rooted, 50c per doz.; $3.00 per 100.

Honeysuckle, "Halls" and "Belgica," Field-Grown, two years old, strong, $3.00 per 100.

Vinca (Trailing), Green and Variegated, from 4-inch pots, Field-Grown, 75c per doz.; $6.00 per 100. From 3-inch pots, 60c per doz.; $4.50 per 100.

All orders amounting to $5.00 will be sent F. O. B. New York City. Those from unknown correspondents will be forwarded C. O. D.

SEAWANHAKA GREENHOUSES,

WM. L. SWAN, Proprietor.

Lock Box 227, OYSTER BAY,
Nassau Co., New York.

Mention The Review when you write

CEMENT JOINTS.

The best way to stop leaks in cement joints of four-inch cast iron pipes is to take a strong pointed chisel cranked like a calking tool and cut out the cement at least half an inch deep in the joint and then fill in with good Portland cement (without sand), gauged rather stiff, well pressed in and point smooth flush with edge of socket.

In making cement joints in future omit the sand. I have made cement joints for forty years and would not use any other material. It is the quickest, cheapest, safest and most durable joint, and it never cracks the socket as will iron cement when used by inexperienced hands.

My way of making joints is as follows: I use for the purpose nothing but English Portland cement without sand. I first put in a fairly tight round of oakum and then fill the joint with cement, using it very soft if in summer or in a hothouse. I then put in a second thin round of oakum, which is pressed in very firmly. No tamping is required, as the oakum pressed well in will force out air and water. Then point up cement flush with edge of socket. In winter I use the cement much stiffer, as it is not so quick. If but one man is working in hot weather he should mix enough cement for only one joint at a time. I would like the work to stand twelve hours in summer and twenty-four hours in winter before letting water in, but am often obliged to let water in at once.

S. Taplin.

BROOKLYN, N. Y.

Death of Henry Miller.

Henry Miller, one of the oldest and best-known florists of the twenty-sixth ward, Brooklyn, died after a short illness Sunday, Nov. 11, at his home, Jamaica avenue, at the age of 78 years. He was born at Alzey, Germany, Feb. 19, 1823, came to this country in 1841 and secured a position as gardener to ex-Governor Morris for three years, then of White Plains, N. Y. He then started in business for himself in the old town of New Lots, now the twenty-sixth ward of Brooklyn, and conducted his business until three years ago, when he retired, and was succeeded by his son, A. L. Miller.

NEW CARNATIONS.

Messrs. Fick & Faber, San Francisco, Cal., register the following: Miss Louise Faber—Bright pink two and one-half to three and one-half inches in diameter, occasionally reaching four inches. Flowers well formed and fringed and on stems from two to three feet long. A continuous bloomer. Purity—The purest and largest white yet introduced, flowers three to four inches in diameter, finely fringed and well formed. Stems from eighteen to thirty inches long and very wiry. Both are good healthy growers.

For the American Carnation Society, Albert M. Herr, Secy., Lancaster, Pa.

WHERE TO BUY HOLLY

Place your order with PULLEN. Place it now for the very best grade of bright green foliage, well berried, fresh from the swamps.

HOLLY WREATHS. Only first-class materials used—fresh green leaves plentifully clustered with berries. In ordering be sure and state sizes wanted and number of berry clusters desired on each. Goods shipped at proper time or on your order, carefully packed. Prices are most reasonably low.

NURSERY STOCK. All varieties of fruit—Peach, Pear, Apple, Plum, Cherry, Apricot, Quince—every one warranted true to name. Have an extra fine block of Japanese Plum.

PLANTS. Can furnish anything you wish in plants.

☞GOODS ARE THE BEST. PRICES ARE LOW.

Write for Particulars. **W. W. PULLEN, Nurseryman and Fruit Grower, MILFORD, Del.**

Mention The Review when you write.

NOTICE! TO WHOM IT MAY CONCERN.
Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.
HYACINTHS, EXHIBITION BULBS, true to name, only $85.00 per 1000; $7.00 per 100.
" for forcing in pots, extra fine, separate colors, $4.00 per 100.
TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.
CROCUS, in separate colors, $2.00 per 1000.
CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.
GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.
AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by **F. W. O. SCHMITZ, Jersey City, N. J.**

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Burpee's Seeds Grow

ROSES

in fine condition. Bride, Golden Gate and Maid of Honor, from 2½-in. pots, $2.00 per 100; 3½-in. pots, $3.00 per 100.

CASH WITH ORDER.

R. H. MURPHEY, -- Urbana, Ohio.

4,500 2-Year-Old ROSES.

WHO WANTS THEM at 5c each, $5.00 per 100, $45.00 per 1000? Marechal Niel, Kaiserin, LaFrance, White LaFrance, Roger Lambelin, Duchess of Albany, Mme. Caroline Testout, Robt. Garrett and many others. Send 5c or $1.00 for samples. Cash with order.

JOS. LAIHR & SON,
Wholesale Florists. Box 280, SPRINGFIELD, OHIO.

Mention The Review when you write.

WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb. box, $1.00. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

Always mention the Florists' Review wher writing advertisers.

Some Stock You Want.

		Per 100.
20,000 Pansy Plants to grow for bloom, 20 lvs.,		$1.00
Coleus, 10 varieties, named	2¼-inch,	1.50
20,000 Alternantheras, busby	2¼ "	1.50
Salvia Dwarf Clara Bedman	2¼ "	1.50
Smilax	2¼ "	1.50
3,000 Cedum Variegatum, border	2¼ "	1.50
5,000 Cigar Plant, fine	2¼ "	1.50
Asparagus Plumosus Nanus	3 "	5.00
Boston Fern, true	3 "	5.00
California Moss, hanging basket plt.,	2¼ "	1.50

5 plants at 100 rates.

THE MORRIS FLORAL CO., Morris, Ill.

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500,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

Genevieve Lord

The greatest money getting Pink Carnation ever introduced.

A descendent of Wm. Scott, but its superior in every way. A big claim. If you don't believe it come and see it.

Please note change in price of Rooted Cuttings for January 1st delivery and after:

$6.00 per 100.

$50.00 per 1000.

Booking orders NOW.

Deliver any time you say after January 1st, 1901.

CHRYSANTHEMUMS.

Stock Plants. New and Old Varieties. Write for Prices.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

ROOT YOUR OWN CARNATION CUTTINGS.

Not having room, we offer the following nice unrooted cuttings, or pips, until further notice:

	Per 100	Per 1000
Morning Glory, shell pink	$2.50	$20.00
G. H. Crane, scarlet	1.50	10.00
Peru, white	2.00	15.00
Genevieve Lord, light pink	1.50	10.00
Gold Nugget, yellow	1.50	10.00
Mrs. Bradt, variegated	1.50	10.00
America, scarlet	1.25	9.00
Mary Wood, white	1.25	9.00
White Cloud	1.25	9.00
Gen. Maceo	1.50	10.00
Mrs. Bartlett (Dorner), scarlet	2.00	15.00
Mrs. F. Joost, pink	.50	4.00

CASH OR C. O. D.

H. E. MITTING, FT. DODGE GREENHOUSE CO.

FORT DODGE, IOWA.

Mention The Review when you write.

Carnations.

FIELD-GROWN STOCK.

Gen. Gomez, Mrs. Bradt and Glacier, strong stock, $6 per 100; Pingree and Argyle, $4 per 100.

ASPARAGUS SPRENGERI, strong stock, 2-inch, $3 per 100; 3 " 4 "; 3½ " 6 "; 4 " 10 "

F. DORNER & SONS CO.,

LA FAYETTE, IND.

"IRENE"

The new Commercial Pink Carnation

Orders booked now.

Cuttings delivered soon as rooted.

Crabb & Hunter, Grand Rapids, Mich.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

Mention The Review when you write.

PROSPERITY

The New Carnation known as No. 666 has been christened the above name and will be disseminated next March. For full particulars address

DAILLEDOUZE BROS., - - Flatbush, Brooklyn, N. Y.

Mention The Review when you write.

100,000 GERANIUMS ROOTED CUTTINGS

SEND FOR LIST AND PRICES.

	Per 100
Asparagus Sprengeri, 2-in	$3.00
" " 2¼-in	4.00
Baby Primrose, 2¼-in	4.00
Begonia Rex, Rooted Cuttings	2.00
Forget-Me-Not, " (winter), 2-in	3.00
" " " " 4-in., very strong	10.00
Cinerarias, 2¼-in h	3.00
Violets, Farquhar, 2¼-in., free from disease	$2.50
Vinca, 2¼-in., $3.00; 3-in	5.00
" 4-in., $10.00; 5-in	15.00
" Rooted Cuttings, $10.00 per 1000	1.25
Lemon Verbena, extra fine, 2 and 2¼-in., $3.00 and $4.00 per 100.	
Snow Crest Daisy Rooted Cuttings	2.00
2¼-inch, $4.00; 3-inch, $6.00.	

Send for descriptive circular and prices of the best Florists' Hose Nozzle. Terms Cash or C.O.D.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $4.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,

199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.

MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Speclalties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street,

BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

Mention The Review when you write.

CHINESE PRIMROSES.

Red, white and mixed, 4-in., $4.00 per 100.

SAMUEL WHITTON,

15-17 Gray Avenue, Utica, N. Y.

Mention The Review when you write.

LOUISVILLE, KY.

Various Items.

Trade has not picked up and the great talked of prosperity has not struck the florists of this region yet. Lots of flowers on the market. Chrysanthemum blooms can be had at any price from 50 cents to $3 a dozen. Pot chrysanthemums in 7-inch pots sold on All Saints' day as low as four for 25 cents. American Beauties are coming in fine now and Brides and Maids are plentiful and cheap.

At the meeting of the Kentucky Society of Florists on Nov. 7 the sum of $15 was donated to the unfortunate sufferers of Galveston.

Jacob Schultz gave a chrysanthemum show at his store on Fourth avenue from the 14th to 17th. The store was beautifully decorated with palms, southern smilax and Boston ferns. The standard chrysanthemums were fine; the cut blooms grand. The varieties were: Mrs. Perrin, Modesto, Golden Wedding, Queen, and Mrs. Robinson. Some fine Golden Gate roses and some very fine carnations were also on exhibition. The show was a success.

Nanz & Neuner also gave a very fine show at their store on Fourth avenue. The interior of the store was beautifully decorated. The cut blooms of chrysanthemums were grand and their American Beauties were fine.

Mr. Mann has just completed putting in a new boiler. His carnations are a wonder.

Jos. Coenen has been on the sick list but is now out and attending to business.

Wm. Walker has for some time had a very bad hand, caused by a cut from a piece of glass.

HENRY LICHTEFELD.

MRS. HARRIS SENDS THANKS.

Mrs. J. L. Harris, formerly of Galveston but now at Jonesboro, Ark., writes: "Will you kindly announce in the Review that I have received from the Galveston Florists' Relief Fund the sum of $18.57; also from Mrs. Chas. Eickholt the sum of $32.18, her share of the fund, which she was generous enough to turn over to me though she was herself a heavy loser through the great storm. To both the Chicago florists and Mrs. Eickholt I tender my heartfelt thanks and best wishes."

Mrs. Harris recently sent the Review a photograph of the spot in Galveston where her establishment had stood. There was really nothing left, the ground being left quite bare. Evidently the location caught the full force of the waters.

CASHING CHECKS.

We note several reports in the daily papers about florists being victimized by cashing checks for customers. It is certainly reckless to accept checks from strangers, especially when the check calls for a larger amount than the purchase and the "change" must be given in cash.

CHEAP-TO CLOSE OUT



BOSTON FERNS The true variety, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Don't be afraid that our stock of Boston Ferns will run out. We have sold 75,000 the past six weeks, but still have 125,000 fine plants on hand. Better buy now as price is sure to advance.

Asparagus Sprengeri, from 2½-in. pots, strong plants, $2.50 per 100; $20.00 per 1000.

Acalypha Sanderi, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " from 3-in. pots, strong plants, $5.00 per 100.

Crotons, twelve best bedding varieties, from 2½-in. pots, elegant plants, $3.00 per 100; $25.00 per 1000. These will be fine to shift on for next year's bedding.

Ponderoso Lemon, largest lemon grown; bears fruit weighing two pounds and over. Is bound to become a popular plant. It fruits when quite small. Fine plants from 2½-in. pots, $1.00 per dozen, 7.00 per 100. Strong plants, ready to bloom at once, $1.50 per doz.

Calla Lilies, 1¼ to 1½-in. diam., 75 cents per dozen; $5.00 per 100.
" " 1½ to 1¾ " $1.25 " 7.00 "

The Two New Russelias, Lemoinei Multiflora and Lemoinei Elegantissima, 50 cents per dozen; $3.00 per 100.

Bougainvillea Sanderiana, from 2½-in. pots, $6.00 per 100.

Weeping Lantanas, 2½-in. pots, $2.00 per 100; $18.00 per 1000.

Otaheite Orange, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " " 3 " 4.50 " 40.00 "

Ficus Elastica, perfect specimens of this fine rubber plant, 15 to 18 inches high, $3.25 per dozen; $25.00 per 100.

Araucaria Excelsa, Norfolk Island Pine, fine plants, 4 tiers of leaves, $1.00 each; $10 per doz.

Roses. All the leading varieties of Teas, from 4-in. pots, fine plants in perfect health, $8 per 100.
" All the leading varieties of Hybrid Teas, from 4-in. pots, elegant stock, $10 per 100.

Marechal Niel Roses, 15 inches and over in height, healthy plants, $4 per 100; $35 per 1000.

Send us your list of roses for quotation. Our Fall Trade List of all kinds of Rose Plants and Bulbs now ready. Write for it.

THE GOOD & REESE CO., The Largest Rose Growers In the World, **Springfield, Ohio.**

Mention The Review when you write.

Good Stock--Cheap.

MYOSOTIS PALUSTRIS, 3½-inch pots.
JAPANESE PRIMROSE, " "
ACHILLEA, THE PEARL, " "

$3.00 per hundred; **$25.00** per thousand.

CASH PLEASE.

EDWARD B. JACKSON, Stamford, Conn.

Mention The Review when you write.

TO CLOSE OUT

AT VERY LOW FIGURES FOR WANT OF ROOM.

5,000 Kentias Belmoreana and Forsteriana, 2½-inch pots, $8.00 per 100, $75.00 per 1000.

10,000 Latania Borbonica, 3½-inch pots, $7.00 per 100, $65.00 per 1000.

4,000 Latania Borbonica, 4-inch pots, $15.00 per 100, $140.00 per 1000.

Orders taken now for **Rooted Carnation Cuttings** of all leading varieties.

HARMS PARK FLORAL CO.,
Berteau Ave., near Western Ave., CHICAGO.

Mention The Review when you write.

..CLIMBERS..

20,000 **Clematis Paniculata,** 2 years open ground and pot grown.
10,000 **Ivies,** 1 year from open ground.
10,000 **Ampelopsis Veitchii,** 1 year pot-grown.
10,000 **Hall's Honeysuckle,** very strong.
5,000 **Evergreen and Golden** Honeysuckles, very strong.
10,000 **Rosa Wichuraiana,** 1, 2 and 3 years.
3,000 **Wichuraiana,** Hybrids.
2,000 **Actinidia Arguta, Wistaria** and other vines.

THE WM. H. MOON CO.
MORRISVILLE, PA.

Nurseries: 30 miles from Phila., 60 miles from New York.
Philadelphia Office: 702 Stephen Girard Building.

Mention The Review when you write.

NOW IS THE TIME

To Get In On The Ground Floor.

NEPHROLEPIS WITTBOLDII

Will be a big money maker for those who secure a stock this season. The demand next year will be immense when its good qualities are more generally known. It has all the desirable characteristics of the Boston Fern and makes a handsomer plant. Note the engraving from a photograph of fronds of Bostoniensis and Wittboldii side by side.

Our stock of N. Wittboldii is in splendid shape and we are offering fine plants, ready for 3 and 4-inch pots, at

$1.00 each,
$10.00 per doz.,
$75.00 per 100.

Orders filled in rotation as long as present stock lasts.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

Send in your order now. We shall send out only good strong plants, and will cease filling orders when we can no longer send out plants that will be a credit to us.

If you catalogue novelties you would do well to include N. Wittboldii in your list. Write us about it.

See our offers of Palms, Ferns, Asparagus, Araucarias, Ficus, and Dracaenas

in Classified Advs. in this issue of the Review. Put in your Christmas stock of plants now.

THE GEORGE WITTBOLD CO.,

1657 Buckingham Place, Chicago, Ill.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., strong plants, $5.00 per 100.
Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Cope's Pet and Lady Isabelle, rooted cuttings, 50c per 100. Cash. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

ALTERNANTHERA.

Alternantheras, bright red, variegated and yellow, 50c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

20,000 alternantheras, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, fine plants, well furnished, 3-4 tiers, $9.00 per doz., $65.00 per 100; 4-5 tiers, $12.00 per doz., $90.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Araucaria excelsa, fine plants, 4 tiers of leaves, $1.00 each; $10.00 per doz. The Good & Reese Co., Springfield, Ohio.

ASPARAGUS.

		Pot.	Doz.	100.
Plumosus Nanus		4-inch	1.50	12.00
Sprengeri		2-inch	.50	4.00
Sprengeri		3-inch	1.00	8.00
Sprengeri		4-inch	1.50	12.00
Sprengeri		6-inch	5.00	
Sprengeri		8-inch	10.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.50 per 100, $65.00 per 1,000. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Sprengeri and plumosus nanus, extra strong stock from 2½-in. pots, ready for 3-in., $5.00 per 100; $40.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

A. Sprengeri, strong stock, 2-in., $3.00, 3-in., $4.00, 3½-in., $6.00, 4-in., $10.00 per 100. F. Dorner & Sons Co., LaFayette, Ind.

A. Sprengeri, 2½-in., strong plant. $2.50 per 100; $20.00 per 1000. The Good & Reese Co., Springfield, Ohio.

Asparagus plumosus nanus. Heavy 10-ft. strings, 50c per string. Cash with order.
A. J. Baldwin, 28 Mill St., Newark, Ohio.

A. Sprengeri, 2-in. pots, $2.50; A. plumosus, 2-in. pots, $3.50 per 100 Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100. Cash or C. O. D.
Greene & Underhill, Watertown, N. Y.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

A. Sprengeri, 2½-in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

1,000 A. Sprengeri, 4-in., $1.00 per doz.; $7.00 per 100. Ben. L. Elliott, Cheswick, Pa.

A. plumosus nanus, 3-in., fine stock, $7.00 per 100. N. Smith & Son, Adrian, Mich.

A. plumosus, strong 3-in., $6.00 per 100; 4-in., $10.00 per 100. H. Hills, Elkhart, Ind.

A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Special prices for immediate orders. Fine bushy crowns, well set with buds:

	Doz.	100.
10 to 12 in. in diameter	$ 4.50	$ 35.00
12 to 14 in. in diameter	6.00	45.00
14 to 16 in. in diameter	7.50	55.00
16 to 18 in. in diameter	12.00	90.00
18 to 20 in. in diameter	25.00	200.00
20 to 24 in. in diameter	36.00	300.00

These prices include duty, packing and delivery in good condition to any express, freight or steamship line in Philadelphia.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Azaleas—Received 20,000 in the best New York market varieties, sizes as follows:

	Doz.	100.	1,000.
8-10 inches diam.	$ 3.50	$27.50	$250.00
9-11 inches diam.	4.00	30.00	285.00
10-12 inches diam.	4.50	35.00	325.00
12-14 inches diam.	6.00	42.50	400.00
14-16 inches diam.	7.50	55.00	525.00
16-18 inches diam.	12.00	90.00	

Large plants, $1.25, $1.50, $2.00, $3.00 each. Send for our special price list of bulbs.
BOBBINK & ATKINS, Rutherford, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100; from thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Begonia Gloire de Lorraine Nana Compacta, 2¼-inch pots, $15.00 per 100. Begonia Caledonia, "The White Lorraine," 3½-inch pots, $5.00 each. This stock guaranteed absolutely free from disease. Thomas Roland, Nahant, Mass.

Alba picta, Argenta guttata, Feasti and Marguerite begonias, $2.50 per 100. Nice plants, satisfaction guaranteed. J. W. Yates Plant Co., Springfield, Ohio.

Rex begonia, rooted cuttings, $2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Begonia Rex, 3-in., in good assortment, $6.00 per 100. N. Smith & Son, Adrian, Mich.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BULBS.

Bulbs! Bulbs! White Romans, 12-15, at $1.60 per 100. Double Nosed Von Sion (large), $1.80 per 100. Paper Whites, at 90c per 100. Harrisii, 5-7, at $5.00 per 100; 7-9, at $10.00. Lilium Longiflorum, large flowering, 7-9, at $6.00 per 100. Special prices on Dutch Hyacinths and Tulips.
The Vail Seed Co., Indianapolis, Ind.

Bulbs now ready, Lilium Longiflorum, Japan, 5 to 7 in., $2.00 per 100, $18.00 per 1,000; 6 to 8 in., $3.00 per 100, $27.00 per 1,000; 7 to 9 in., $4.50 per 100, $40.00 per 1,000; 9 to 10 in., $90.00 per 1000. Lilium Harrisii, 7 to 9 in., $8.00 per 100; $75.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs. Closing-out sale. Freesias, $3.00, extra large, $3.50 per 1,000. Trumpet narcissus, 75c per 100; $6.50 per 1,000. Princeps, 75c per 100; $6.00 per 1,000. A few 5-7 Harrisii, $3.00 per 100. Griffith & Turner Co., Seedsmen, Baltimore, Md.

SPECIAL OFFERS FORCING BULBS.
HYACINTHS.

	12.	100.	1,000.
French Roman, 12x15	$ .20	$1.60	$15.00
Dutch Roman, named	.30	2.50	24.00
Dutch in separate colors	.55	4.00	38.50
Dutch finest named sorts	.85	6.00	

NARCISSUS.

	12.	100.	1,000.
Paper White, true grandiflora	$ .15	$ .75	$ 6.00
Von Sion, double nosed, extra size	.25	1.60	15.00
Von Sion, large size	.20	1.40	12.00
All sorts, Polyanthus, single, double and Trumpets, mixed	.15	.90	7.50

TULIPS. La Reine, Keizerskroon, Cottage Maid, per 100, $1.00; per 1,000, $9.00. Joost V. Vondel, La Candeur, 100, 90c.; 1,000, $8.00. All other popular sorts at very reasonable prices. Mixed finest single, 100, 85c; 1,000, $7.00. Write us for prices.

	100.	1,000.
CROCUS. Finest large, separate colors	$0.30	$2.25

LIL. LONGFL, 5x7, 100, $2.00; 1,000, $18.00; 6x8, 100, $3.00; 7x9, 100, $5.00; 1,000, $40.00.
READY, Auratum, Rubrum, Album.
CALLA. Spotted, 12, 50c; 100, $3.00.
H. H. Berger & Co., 47 Barclay St., New York.

	Per 100.	Per 1,000.
Amaryllis formosissima	$2.00	$18.00
Tigridia and bessera elegans	1.00	9.00
Milla and cyclobothra	1.00	7.00

Parcel-post paid. J. A. McDowell, City of Mexico.

Gladioli May, the best light for florists' use or forcing. Extra large well ripened bulbs 2 inches or more, $1.00 per 100; $8.00 per 1,000, by express. P. O. Coblentz, New Madison, Ohio.

Callas, 1¼ to 1½-in. diam., 75c per doz., $5.00 per 100; 1½ to 1¾ in. diam., $1.25 per doz., $7.00 per 100. The Good & Reese Co., Springfield, O.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

Two-year-old Hippeastrum (Amaryllis), of a very fine strain, $10.00 per 100. Cash. A Roedder, Shorb, near Los Angeles, Cal.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1,000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

Old Man's Head cactus, 5-6 in., $3.00 doz. Collection of 25 var., $3.00 postpaid. J. A. McDowell, City of Mexico.

CANNAS.

Cinnebar, 35c each, $3.00 per doz. Miss Kate Gray, 25c each; $2.50 per doz. Black Beauty, true, $2.00 per doz. Cottage Gardens, Queens, N. Y.

Cannas, Papa, Alph. Bouvier, Flamingo, at $8.00 per 1,000; Italia and Austria mixed at $5.00 per 1,000. Jesse T. Ellis, Box 340, Griffin, Ga.

CARNATIONS.

Carnations in A1 shape. Eldorado, Dana, Evanston, Portia, Scott, $3.00 per 100. Booking orders for cuttings of Lawson, Crocker, Lord, Marquis, Olympia, Estelle and Elm City at 25 per cent discount until Dec. 1. Dana R. Herron, Olean, N. Y.

Clean, strong, field-grown plants of Eldorado, McGowan, Gold Nugget, Nivea, Portia, Victor, Dana, Bridesmaid, Evanston, K. Clover, Jubilee, Daybreak, at 3c each as they run. Cash. E. A. Llewellyn, Olean, N. Y.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

Choice, hand-fertilized, pedigree carnation seed grown from all the leading varieties, 100 seeds, 25c; 1000 seeds, $2.00; 500 at 1000 rate. Try it. S. Lenton, Box 264, Long Beach, Cal.

Carnation Peru, best winter blooming white to date. Rooted cuttings, $5.00 per 100; $35.00 per 1,000. A dozen fancy blooms sent on receipt of 60c. H. Roth, Lafayette, Ind.

Field-grown stock. Gen. Gomez,, Mrs. Bradt, Glacier, strong stock, $6.00 per 100. Pingree and Argyle, $4.00 per 100. F. Dorner & Sons Co., La Fayette, Ind.

Number 666 has been christened Prosperity and will be disseminated March, 1901. For full particulars address Dailledouze Bros., Flatbush, Brooklyn, N. Y.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Orders taken now for rooted carnation cuttings of all the leading varieties. Harms Park Floral Co., Berteau Ave., near Western, Chicago.

Albertini, Tidal Wave, Armazindy and Triumph, field-grown, $4.00 per 100; $35.00 per 1000. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Carnation plants. 150 Iris Millers, 200 Albertinis, 400 Scotts, extra large plants, $6 per 100. Evenden Bros., Williamsport, Pa.

Rooted cuttings of Genevieve Lord, for Jan. 1st or later delivery, $6.00 per 100; $50.00 per 1,000. H. Weber & Sons, Oakland, Md.

1000 each of Portia, McGowan and Scott. Fine, strong plants at $5.00 per 100. West End Floral Co., Belleville, Ill.

Field plants all sold. I want your order for rooted cuttings; let me figure on your wants. W. H. Watson, Lapeer, Mich.

Rooted carnation cuttings. All the best varieties.
Geo. Hancock & Son, Grand Haven, Mich.

10,000 carnation wire supports; have been in use three years; cheap for cash.
Ben L. Elliott, Cheswick, Pa.

Field-grown, extra-fine carnation plants of McGowan, Scott and Portia, $3.00 per 100.
J. C. Murray, Peoria, Ill.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

CHRYSANTHEMUMS.

If you want good, strong, healthy plants, plants from prize winning stock, write to me for varieties and prices. At Chicago, St. Louis and Indianapolis I took 13 premiums; half first and half seconds on white, yellow, pink, bronze or any other color. Address, at once, Gunnar Tellmann, Marion, Ind.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanariva and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

Chrysanthemum stock plants, from bench, 5c each. Pacific, Chalfant, Ivory, Queen, Childs, Philadelphia, M. Wanamaker, Domination, Indiana, Bonnaffon, Yanoma. Early sorts now ready. Joseph E. Bonsall, Salem, Ohio.

Stock plants of Glory of Pacific and G. Bramhall, $3.00 per 100. Satisfaction guaranteed. Other varieties later. Write for list. Geo. L. Miller, Newark, Ohio.

Chrysanthemum stock plants, extra good; Bonnaffon, Bergmann and Maud Dean, etc., 75 cents per dozen; $4.00 per 100. Duly Bros., Randolph, Mass.

Stock plants of yellow Fitzwygram, earliest yellow, 10c each; $1.00 per doz. 35 standard var. at 5c. Cash. Cottage Greenhouses, Litchfield, Ill.

Stock plants ready now. Bergman, Kaib and Glory of Pacific, $1.00 per doz. Crabb & Hunter, Grand Rapids, Mich.

Stock plants, new and old varieties. Write for prices. H. Weber & Sons, Oakland, Md.

Stock plants of all the best sorts. Send for list. N. Smith & Son, Adrian, Mich.

CINERARIAS.

Cinerarias, 2¼-in., $3.00 per 100. Greene & Underhill, Watertown, N. Y.

Cineraria grandiflora, 2¼-in., $2.00 per 100. J. W. Miller, Hatton, Pa.

CISSUS.

Cissus discolor, pretty plants, 3-in. pots, $4.00 per 100.
McGregor Bros., Springfield, Ohio.

CLIMBERS.

20,000 Clematis paniculata, 2 years, open ground and pot grown; 10,000 Ivies, 1 year, from open ground; 10,000 Ampelopsis Veitchii, 1 year, pot grown; 10,000 Hall's Honeysuckle, very strong; 5,000 Evergreen and Golden Honeysuckles, very strong; 10,000 Rosa Wichuraiana, 1, 2 and 3 years; 3,000 Wichuraiana, hybrids; 2,000 Actinidia arguta; Wistaria and other vines.
The W. H. Moon Co., Morrisville, Pa.

COLEUS.

A big bargain in coleus from now until Jan. 1, 1901. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail 10c. Geo. L. Miller, Newark, Ohio.

The newest sorts and only those of decided merit, 2½-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Golden Bedder and Crimson Verschaffeltii, rooted cuttings, 60c per 100, postpaid.
E. A. Wallis, Jenkintown, Pa.

Coleus, 10 varieties, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

Cyclamen persicum, splendens giganteum, finest strain in the world, in four true colors. A splendid stock of plants, well set with buds, 4-in., $1.50 per doz., $12.00 per 100; 3-in., in bud, $7.00 per 100. I solicit patronage and guarantee satisfaction. Paul Mader, East Stroudsburg, Pa.

Cyclamen. Choice, healthy stock, all in bud, valuable for retailing. Stocky plants, 3 in., $5.00; 4 in., $7.00 per 100. Freeport Market Garden & Greenhouses, Louis Bauscher, Prop., Freeport, Ill.

Cyclamen giganteum, 2¼-in., $4.00; 3-in., $6.00; 3½-in., $10.00; 4-in., $12.00; 5-in., $25.00 per 100. C. L. Osborn, Sidney, Ohio.

Cyclamen, 3-in., ready for 5-in., $8.00 per 100; 4-in., $12.00 per 100. Ready to bloom for Christmas. C. Winterich, Defiance, Ohio.

DAHLIAS.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

DAISIES.

New Marguerite. A great novelty for 1900. A cross betwen the yellow and white, is a constant bloomer, flowers four to five inches in diameter, fine for cut flowers, will keep for two weeks after being cut. Center half yellow, outer half pure white. Makes a fine pot plant. Will send free by mail 12 plants for $1.25; 6 plants, 75c. Order now if you want it.
S. Lenton, Long Beach, Cal.

Snow Crest, rooted cuttings, $2.00 per 100; 2¼-in., $4.00; 3-in., $6.00. Greene & Underhill, Watertown, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

DRACAENAS.

Dracaena terminalis, 3½-inch, $2.00 per doz., $15.00 per 100; 4-inch, $4.00 per doz., $30.00 per 100; 5-inch, $6.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

ERICAS.

ERICAS. Now ready for delivery. Erica fragrans. Christmas variety, small plants, $10.00 per 100. 2-year-old, set with buds ready for Christmas forcing, $50.00, $75.00 and $100.00 per 100. Larger plants, up to $5.00 each. Erica Wilmoreana, well set with buds for Christmas, $50.00 and $75.00 per 100.

Varieties which will bloom after Christmas and for Easter—Erica cupressina, the best, $75.00 and $100.00 per 100. Erica pers. alba, $6.00 and $9.00 per doz. Erica pers. rosea, $6.00 and $9.00 per doz.

Small plants for ferneries, etc., which will bloom this fall and winter—Erica pers. rubra, $10.00, $15.00 and $20.00 per 100, 3½ in.; pink, Erica, gracilis autumnalis, $20.00 per 100; pink, Erica pers. alba, $8.00, $10.00 and $15.00 per 100. Erica pers. rosea, $8.00, $10.00 and $15.00 per 100.

Cash with order from unknown parties. When ordering add to a $10.00 order 50c for packing; $25.00, $1.00; $50.00, $1.50; $75.00, $2.00; $100.00, $2.50.

Anton Schultheis, P. O. Box 78, College Point, Queens Borough, New York City.

Erica Melanthera, best variety for florists' use, in bud now mostly; 5-in., $5.00 per doz.; 6-in., $7.50 per doz.; 10-in., $25.00 per doz. Cash with order. H. Huebner, Groton, Mass.

FERNS.

Our stock is larger than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Pteris Serrulata	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	6-inch	6.00	
Nephrolepis cord. comp.	5-inch	2.00	15.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston Ferns:

	Each.	Dozen.
6-inch pots	$0.50	$ 6.00
6-inch pots, heavy	.75	9.00
8-inch pans	1.00	12.00
8-inch pans, heavy	1.25	15.00
10-inch pans	2.00	
10-inch pans, heavy	2.50	
12-inch pans	3.50	
12-inch pans, heavy	$4.00 to 5.00	

JOHN WELSH YOUNG,
Germantown, Philadelphia.

Big Boston ferns; pot-grown, ready for 8, 9 and 10s; 20 to 30 fronds, two to three feet long. There is money in them for you as they are just what you want for your fall trade. 1st size $1.00, 2nd size 75c each. Get them while they are going. A. J. Baldwin, Newark, Ohio.

Adiantum Cuneatum, 2¼-inch pots, $3.50 per 100, Nephrolepis Cordata Nana Comp., 3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100. Pteris Serrulata Gigantea, 4-inch pots, $12.00 per 100. These plants are A1 and cheap. Walker & McLean, Successors to The E. Hippard Co., Youngstown, Ohio.

Fern spores. We are headquarters. Extra large pkt., sufficient for 3,000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00 postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1,000; largest size, $6.00 to $20 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

FERNS—Continued.

Japan Fern Balls. Due in December. Send orders now for these great money makers. Send for our new price list for winter and spring. H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns from bench, suitable for 4 and 5-in. pots, at $15.00 and $20.00 per 100; 5-in. pots, $4.00 per doz. N. cordata compacta, 2¼-in. pots, $3.00; 3-in., $5.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Pteris albo-lineata, cretica nobilis, cretica alba, Wimsetti, serrulata, major cristata, $3.00 per 100; $25.00 per 1,000. Cash with order. J. F. Kidwell & Bro., 3810 Wentworth ave., Chicago.

Nephrolepis cordata compacta and Bostoniensis, 2½-in., $4.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Boston Ferns from 2½-in. pots, $3.00 per 100; $25.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

15,000 extra fine Boston ferns in all sizes of pots now ready for shipment. Write for prices.
Geo. A. Kuhl, Pekin, Ill.

Jardiniere ferns, elegant stock, $3.00 per 100; $25.00 per 1,000. J. B. Heiss, Dayton, Ohio.

Boston ferns, true, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$ 60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Ficus elastica, perfect specimens, 15-18 inches high, $3.25 per doz.; $25.00 per 100. The Good & Reese Co., Springfield, Ohio.

FORGET-ME-NOTS.

Forget Me Nots (winter), 2-in., $3.00; 4-in., very strong, $10.00 per 100; rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

FRUIT PLANTS.

All varieties of fruit trees and every one warranted true to name.
W. W. Pullen, Milford, Del.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine. $10.00 per 100; $80.00 per 1000. P. J. Berckmans Co., Augusta Ga.

GERANIUMS.

We have 25 of the best geraniums grown and will accept orders for a few thousand rooted cuttings at the low price of $10.00 per 1,000, 500 at 1,000 rate, or will mail sample 100 in good assortment, labeled, for only $1.25. Our price list of rooted cuttings gives very low prices of over 30 varieties of plants. Send for it. S. W. Pike, St. Charles, Ill.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Brunanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Strong 2-in., mixed, $1.50 per 100. Rooted cuttings of Bruanti and Heteranthe, $1.25 per 100; $10.00 per 1,000. Mme Salerol, 2½-in., $1.50 per 100; 2-in., $1.25. Rose geraniums, rooted cutting, $1.00 per 100. South Side Floral Co., Springfield, Ill.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Rooted cuttings, new and old varieties, mixed, $1.00 per 100. Also lantanas, salvias, heliotropes and abutilons, 60c per 100. H. Millingar, Merchantsville, N. J.

30,000 geraniums—Beaute Pointevine, Mme. Jaulin, Ricard, S. A. Nutt and Dbl. Grant. Rooted cuttings, $15.00 per 1,000. J. B. Shurtleff, Jr., Revere, Mass.

Geraniums. Fine assortment of 2½-in. plants, $2.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

New geraniums, including Jean Viaud and other choice sorts. N. Smith & Son, Adrian, Mich.

Geraniums, 100,000 rooted cuttings, send for prices. Greene & Underhill, Watertown, N. Y.

Bruanti, nice plants, $2.00 per 100. J. W. Yates Plant Co., Springfield, Ohio.

HARDY PLANTS.

40,000 American filberts (Corylus americana), or hazlenuts; nice, collected plants, 3 to 5 ft., well packed; F. O. B., $6.00 per 1,000; 4 to 7 ft., $8.00 per 1,000. Also white flowering dogwood, red ozier dogwood, tulip poplar (common elder), sweet ghum and red bud, all nice collected seedings, same sizes and prices as above for immediate orders. Send for my trade list of tree and shrub seeds and seedlings. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Surplus for fall, 1900: Keiffer Pear; Norway Maples, 9 to 10 ft.; Norway Maples, 5 to 6 ft.; Lombardy Poplars, 9 to 12 ft.; Carolina Poplars, 6 to 18 ft.; Am. Arbor Vitae, bushy, 6 to 7 ft.; Am. Arbor Vitae, bushy, 3 to 5 ft.; Apples, 2 and 3 years; Norway Spruce, 7 to 9 ft., fine; Norway Spruce, 5 to 6 ft., fine; California Privet, good, 1 year, 2 ft.; Osage Orange, 1 and 2 years, fine; White Pine, 4 to 5 ft.; White Pine, 3 ft., sheared. Josiah A. Roberts, Malvern, Pa.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilla paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas. S. Dutton, 85 West 12th St., Holland, Mich.

CALIFORNIA PRIVET. Strong plants, 2 to 2½ ft., $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000; 5-ft. high, for screens, $7.50 per 100. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Hydrangea P. G., 5 to 10 inches, heavily rooted, $25.00 per 1,000; 1 to 2 ft, heavily rooted, stocky, $40.00 per 1,000; 2 to 3 feet, X, heavily rooted, stocky, $70.00 per 1,000. Prices Fall only; shipment Fall or Spring. Double Snowball same prices. Jenkins' Evergreen & Seedling Nurseries, Winona, Ohio.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Fieldgrown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Myosotis Palestine, Japanese primrose, Achillea, the Pearl, 3½-in., $3.00 per 100; $25.00 per 1,000. Cash. Edw. B. Jackson, Stamford, Conn.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

Honeysuckles, Halls and Belgica, 2 years old, field-grown; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Rudbeckia. 2,000 Golden Glow, from 1 to 2 crowns, at $2.50 per 100. Cash. Jos. Dunn, Orrs Mills, N. Y.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.50 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 50c per doz.; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, Red-Branched and Thos. Hogg, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

Otaksa, strong plants, $15.00, $20.00, $25.00 per 100. Bobbink & Atkins, Rutherford, N. J.

"The classified advs. are a great convenience," is the verdict of the buyers.

IVIES

English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1757 Buckingham Place, CHICAGO.

English Ivy, extra good, 2½-in., $3.00 per 100; $25.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

JASMINE.

Jasminums: Maid of Orleans, Grand Duke, Grandiflora, Sambac or Arabian, Revolution, strong, thrifty plants, 3-in. pots. $6.00 per 100. Nanz & Neuner, 582 Fourth Ave., Louisville, Ky.

LANTANAS.

Weeping Lantanas, 2½-in., $2.00 per 100; $18.00 per 1000.
Good & Reese Co., Springfield, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

LEMONS.

Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100. Strong plants ready to bloom at once, $1.50 per doz.
Good & Reese Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Otahelte Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othahelte Orange, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., $4.50 per 100; $40.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Cattleya citrina, Laelia anceps, L. alba, L. Majalis, L. autumnalis, $24.00 per 100. Parcel-post paid. J. A. McDowell, City of Mexico.

PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100
1 plant	2¼	8-10	$15.00
1 plant	3	10-12	20.00
1 plant	4	18 each	.50
3 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	3.00	each

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	.....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	.....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.60	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	$2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	.....	.....	.....	$3.00
5	15 to 20	6 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 13	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6	extra fine		18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

Chamaerops, extra, 18-24 in. high, 4-6 char. lvs., $12.00 per 100. Phoenix canariensis, 2-in. pots, very strong, $6.00 per 100. Large, very fine Phoenix, dracaenas and chamaerops, from 4 to 15 ft. high, in boxes or from open ground, price on application. Sabal Blackburniana, 2-in., $5.00 per 100. Cash. A. Roedder, Shorb, near Los Angeles, Cal.

Latania borbonica, extra fine stock. 7-in., 9 lvs., $12.00 per doz., 25 for $22.00; 6-in., 7 lvs., $8.00 per doz., 25 for $15.00; 5-in., 6 lvs., $5.00 per doz., 25 for $9.00.

Critchell's, Cincinnati, Ohio.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

5,000 2½-in. Kentias Belmoreana and Forsteriana at $8.00 per 100; $75.00 per 1,000. 10,000 3½-in. Latania Borbonica, $7.00 per 100, $65.00 per 1,000; 4,000 4-in., $15.00 per 100, $140.00 per 1,000. Harms Park Floral Co., Berteau Ave., near Western, Chicago.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.

McGregor Bros., Springfield, Ohio.

Kentias Belmoreana and Forsteriana, extra fine stock, $12.00 to $24.00 per doz. Bobbink & Atkins, Rutherford, N. J.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

PALM SEED.

Palm Seeds, fresh on hand. Chamaerops Excelsa (in 10-lb. lots at 30c.), per lb., 40c.; Washingtonia Robusta, per lb., 75c.

	Per 100	1,000	5,000
Erythea Edulis (Brahea Edulis)	50c.	$4.00	$18.00
Phoenix Canariensis	50c.	2.00	
Phoenix Reclinata	25c.	2.00	8.75

Germain Seed & Plant Co., Los Angeles, Cal.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Fine plants from English seed. Large blooms. By mail, 50c per 100; by express, $3.50 per 1,000. Jerome Harley, Media, Del. Co., Pa.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

Pansy plants, to grow for bloom, $1.00 per 100. Morris Floral Co., Morris, Ill.

PELARGONIUMS.

Strong plants in 2½-in. pots in the following varieties: Mme. Thibault, Mrs. Robt. Sandiford, Lord Salisbury, Kingstone, Beauty, Mrs. Bradshaw, Wonder, etc., 50c per doz.; $4.00 per 100.

Our collection of 10 different varieties, 2 of each, correctly labeled, by mail postpaid for $1.00 cash with order. Mrs. Thomas Lawrence, Ogdensburg, N. Y.

New ivy-leaved pelargonium, Leopard, 50c each, $5.00 per doz., $17.50 per 50. Cottage Gardens, Queens, N. Y.

PETUNIAS.

Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Price: Well sorted cuttings, $1.25 per 100 postpaid; $10.00 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

PRIMROSES.

Baby Primrose. About 1,000 for sale, in 2½-in. pots, fine, strong plants, ready for 4-in. pots, at $3.50 per 100; or will exchange for ferns. Nicholas Amos, Crestline, Ohio.

Chinese primroses, red, white and mixed, 4-in., $4.00 per 100.

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Latest improved, large-flowering, 2¼-in., $1.50; 3-in., extra strong, $4.00 per 100. Cash.

J. W. Miller, Hatton, Pa.

Chinese, mixed, 2½-in., $1.50 per 100; $12.50 per 1000. Morris Floral Co., Morris, Ill.

Baby Primrose, 2¼-in., $4.00 per 100. Cash.

Greene & Underhill, Watertown, N. Y.

Chinese, large-flowering, 2-in., $1.25 per 100.

Jos. H. Cunningham, Delaware, Ohio.

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EXTRA STRONG 2-YEAR-OLD ROSES, CHEAP, TO MAKE ROOM.

25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

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C. Soupert	Perle
Christine de Noue	President Carnot
Catherine Mermet	Princess Venosa
Climbing Wootton	Princess de Sagan
" Meteor	Queen's Scarlet
" Kaiserin	Safrano
" Perle	Snowflake
" Malmaison	Sombreuil
Dr. Grill	La France
Devoniensis	Lamarque
Duchess de Brabant	La Princess Vera
Duchess of Albany	La Pactole
Ernest Metz	Mosella
Etoile de Lyon	Hermosa
Enchantress	Marechal Niel
Folkestone	Maid of Honor
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Gus. Tripelitz	Mme. Cecile Berthod
Geo. Bancroft	Souvenir de Wootton
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Mme. Camille	Solfaterre
Mme. Lambard	The Queen
Marie Guillot	Tri. de Pernet Pere
Mme. Watteville	Reine Marie Henriette
Mme. Welche	Victor Hugo
Mme. Schwalier	White Maman Cochet
Mme. Jos. Schwartz	" Marechal Niel
Maman Cochet	" La France
Mrs. Degraw	Yellow Rambler

Price for a general assortment of the above, and not less than five of a kind, $5.00 per 100; $20.00 for 500; $35.00 for 1,000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1,000. The above prices are for cash only. We would ask that purchasers remit by money order, expresa order or bank draft, as it costs 25c each to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and thorough manner.

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Manetti stocks for fall delivery.

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Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. South Side Floral Co., Springfield, Ill.

Salvia Clara Bedman, dwarf, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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A. Sprengeri, fresh seeds, $4.00 per 1,000. Cyclamen, English Giants, seven distinct named sorts, 100s each $1.00; the collection for $6.50. Cyclamen, German Giants, pure white, 75c per 100s; bright red, rose, white with eye, 60c per 100s. A. Rolker & Sons, 52 Dey St., N. Y.

Seeds. Cyclamen giganteum, 50c per 100 seeds. Smilax, 30c per oz. Hollyhock, Chaters Superb, mixed, 50c per oz. Pansy, Trimardeau, $2.00 per 100; G. & T. Co.'s Best, $4.00 per oz. Sweet Peas, 30c per lb. Griffith & Turner Co., Seedsmen, Baltimore, Md.

Seeds. Fresh crop 1900. Sweet Pea, early forcing sorts, 25c a lb. Smilax, oz., 30c; lb., $2.50. Asp. Sprengeri, 100, 50c; 1,000, $4.00. H. H. Berger & Co., 47 Barclay St., New York.

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String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

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Smilax plants, 3-in., $3.00 per 100. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Smilax, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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Cane stakes, 7 to 8 ft., $3.00; 6 to 7 ft., $2.50; 5 to 6 feet., $2.00 per 1,000. F. O. B. here. C. S. Tait, Brunswick, Ga.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M. Sts., N. E., Washington, D. C.

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SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

The F. R. Pierson Company, Tarrytown, N. Y., register new fern Nephrolepis Piersoni; a sport from the type of Nephrolepis exaltata known as the Boston fern. The pinnæ are subdivided so that each has the appearance of the full frond in miniature, giving a beautiful crested effect; otherwise the plant is identical with the Boston fern.

WM. J. STEWART, Sec'y.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

Beetles and cockroaches:—To exterminate bettles and cockroaches no small amount of patience and persistence is necessary. There are several arsenical preparations to be obtained, and these are effective for a few nights, but the pests soon fight shy of the traps, and some new ones have to be laid to insure any measure of success. As an alternative to the foregoing, mix some arsenic with honey and place small portions on pieces of paper, laying these about the floor and beds. Arsenic mixed with boiled potato is also effective. Great care must be taken that no children nor domestic animals are allowed to go near these baits. It is invariably a good plan when trapping beetles or cockroaches to place a few basins of water about the house where the pests abound; the vessel must be of glass or glazed ware, and be half filled either with water or with water in which a little honey or sugar has been mixed. One or two basins may be placed on the floor with a few strips of wood, from half an inch to an inch wide, placed around and with one end resting on the edge of the basin to enable the cockroaches to ascend. Glazed ware effectually prevents the pests from climbing out once they have fallen in. As additional traps, sink one or two basins in the floor or bed so that the rim is level with the surrounding surface. These water traps are exceedingly simple but very effectual, and should always be used either with or without other means.

Summer Bedders in the Zoological Gardens:—Mr. Young has evidently a strong affection for mixtures of plants, both in beds and borders; but he shuns the tasteless "mixture" that has been so common in private and public gardens during the past fifteen years or so, and he is also careful to so arrange the beds that the several groups differ materially from each other. In a border near the entrance on the north side of the gardens is a beautiful arrangement of fine foliage plants, such as acalyphas, dracaenas, tradescantias, and other occupants of the plant stove, and, as they are all in the most robust state of health, and highly colored, the effect is exceedingly rich and beautiful. In one group of beds not far from the lion house, Celosia pyramidalis is used with much taste and judgment, and the large superbly developed inflorescences in crimson and gold produce an impression not easily removed from the mind. The beds were originally devoted chiefly to violas, and as these began to wane the celosias were planted among them, and as these in their turn are now losing their freshness they will soon be removed to make way for Madame Desgrange and other early chrysanthemums. Fuchsias are freely used set in a carpet of plants of lowly growth, but in every case the carpeting plants have been selected with due regard to the color of the flowers of the fuchsias. Zonal palargoniums have also been fully utilized, but these are in all cases associated with plants remarkable for elegance of aspect, that assist to tone down the brilliant colors of the flowers of the zonals. Grevillea robusta is the most generally planted with the pelargoniums, and the thin veil of greenery which their feathery foliage throws over the brightly colored flowers is indescribably beautiful. Again we find red-leaved cannas and the golden privet in association, and the "mixture" so produced is distinct and effective, the effect being greatly enhanced by the rich scarlet flowers of the cannas.

PARIS, KY.—Fire destroyed 20,000 bushels of grass seed in the warehouse of R. B. Hutchcraft recently.

LAWRENCE, L. I.—The pupils of the local high school held a flower show Nov. 9. Of the 510 small plants distributed last spring 340 were shown in bloom. Cash prizes amounting to $180 were distributed.



Mention The Review when you write.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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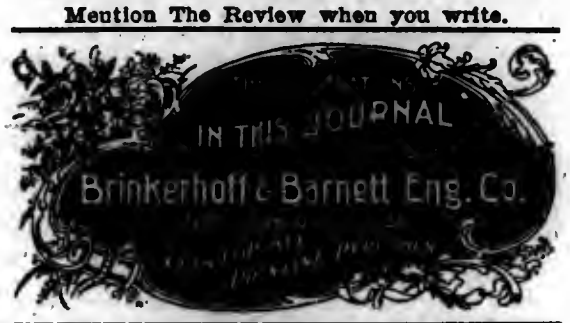
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Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elaboration at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.
The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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